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IBM FOUNDATION DAY, KHANIJ DIWAS CELEBRATED



Dr K. Rajeswara Rao, IAS, Additional Secretary (Mines) & CG In-charge interacting with the officials of Sandur Manganese and Iron Ores Ltd during his visit to the Sandur mines, Ballari.

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PICTURE OF THE ISSUE



The delegates attending the National Workshop on DMF/PMKKKY engrossed in a thematic discussion over Implementation of Projects under High Priority and Low Priority Sectors during the Technical Session II of the conference held in New Delhi. The delegates drafted a set of recommendation for each of the themes and submitted to the Ministry of Mines. The suggestions would be incorporated for furthering implementation of PMKKKY across the States.



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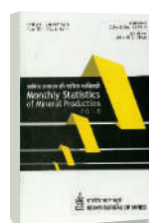
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From Controller General's Desk



Dr K. Rajeswara Rao, IAS

At the outset, I extend a warm greeting to Shri Pralhad Joshi on being appointed the Union Minister of Coal & Mines and Parliamentary Affairs. His experience as a four-time Parliamentarian and member of several key Parliamentary Committees during his tenure as Member of Parliament shall keep the Mines Ministry abreast with the progress and achieve greater heights in the coming years. I wish the new Minister and Mines Ministry a good success.

The Union Government unveiled a National Mineral Policy 2019 which lay thrust on transparency, better regulations & enforcement, balanced growth & sustainability and grants Industry status to

Mining. The revised provisions are expected to rejuvenate the mineral industry to achieve higher growth. The NMP 2019 along with MMDR Amendment Act 2015 is expected to give a boost to the mineral and metals sectors. A series of mining lease auctions are lined up across States in next 1-3 years which will act as a catalyst to mining sector growth.

Ministry of Mines and IBM is working on expediting the Mining Tenement System (MTS) which aims automating the entire concession life-cycle of mines. IBM is in touch with the State and Central agencies for compiling the spatial data for the GIS module of MTS. These agencies will share

geological and topographical maps and metadata for integration with the MTS project.

Mines Ministry organised Workshop on District Mineral Fund (DMF) in New Delhi to address the issues & challenges faced by few States and districts in implementation of Pradhan Mantri Khanij Kshetra Kalyan Yojana (PMKKKY) and develop strategies to speed up the process.

IBM has to play a proactive role in the wake of notifying of NMP 2019 and commissioning of MTS project. I believe the Bureau will live to expectations of the stakeholders.

Dr K. Rajeswara Rao, IAS
Additional Secretary (Mines) &
Controller General In-charge

Pralhad Joshi is Union Coal & Mines Minister



Shri Pralhad Joshi

Shri Pralhad Joshi took over as the Union Minister of Coal & Mines and Parliamentary Affairs on 30 May, 2019. He is a four-time member of the Lok Sabha from Dharwad Parliamentary Constituency in Karnataka. An active Parliamentarian, he is known for his discipline and dynamism.

Shri Joshi served member of various Parliamentary Committees since 2005. He was nominated member of Parliamentary Standing Committees on Chemicals and

Fertilizers, Transport and Culture and Consultative Committee on Finance during the 14th Lok Sabha. In 15th Lok Sabha, he was a member of Standing Committee on Railways and served Estimates Committee and Consultative Committee on Urban Development and member of Tobacco Board. As a member of the delegation on Empowerment of Women to UNO, he addressed UN General Assembly.

A fine Orator, Shri Joshi is a popular political face in Karnataka and known for his workmanship. He was instrumental in many of the development works in his constituency like completion of Hubli-Ankola Railway line, Gadag-Bijapur Gauge conversion, Goods Shed at Navalur, modernisation of Hubli Railway Workshop, upgradation of Hubli Railway Station and Airport road and development works in Hubli-Dharwad city under Central Government funds. Under MPLAD, a

memorial "Baro Sadhankerige", in the name of Kannada poet and Jnanpith awardee, Dattatreya Ramachandra Bendre was completed outside the poet's ancestral home. He also involves himself in social service and has established two NGOs to carry out social work.

Shri Joshi is the Chairman of Vijayanagar Education Society established by noted freedom fighter N.S. Hardikar and regularly contributes to mid-day meal schemes of schools in Hubli-Dharwad region. He has also been a board member of Karnataka Chamber of Commerce and Industry, Hubli. An avid reader, Shri Joshi has interests in Indian classical music and traditional art forms. The Ministry of Mines shall achieve newer heights under his leadership.

ಅಭಿನಂದನೆಗಳು

Congratulations Sir...

Workshop discuss implementation of PMKKKY

In a bid to expedite the implementation of District Mineral Fund (DMF)/Pradhan Mantri Khanij Kshetra Kalyan Yojana (PMKKKY) and develop strategies to address the challenges in its way, the Ministry of Mines organised the first National level workshop on DMF/PMKKKY on 18 Jan 2019 in New Delhi. The objective of the workshop also included audit and reconciliation; improving guidelines and charting new criterion for identification of affected people and areas.

Shri Narendra Singh Tomar, then Hon'ble Union Minister of Mines inaugurated the workshop. He said mining affected areas saw notable turnaround after implementation of DMF/PMKKKY. All districts should have target based projects and focus on timely deliveries. The percentage share of fund utilisation should be increased to bring in significant relief to affected regions and people. There is an accrual of Rs 23,606 crores under DMF till date, the Minister informed.

He added that Rs 2.5 lakh crore is expected to be accrued under DMF in next 25 years. The optimum utilisation of these funds shall go a long way in changing the landscape of mining affected areas and betterment of life of people affected, he said. On the occasion, then Minister released a



Shri Narendra Singh Tomar, then Minister of Mines lighting the lamp to inaugurate the National level workshop on DMF in New Delhi. Shri Anil G. Mukim (right), Secretary (Mines), Dr K. Rajeswara Rao, Additional Secretary (Mines) & CG(I/c), IBM are seen.

souvenir titled, "Transform Mining" showcasing the development projects and best practices implemented in districts where fund utilisation under DMF has begun.

The workshop showcased the developmental works carried out in the districts and brainstorm on the challenges faced by the districts in implementation of projects under PMKKKY. The aim was also to learn from the success stories for districts to replicate. District Collectors/ Magistrates/

CEOs of Zilla Parishad, officials from State Mining Department, senior officials of Mines Ministry and other central ministries including Health, Women and Child Welfare, Rural Development participated in the workshop and shared their experience.

Shri Anil G. Mukim, Secretary (Mines), Dr K. Rajeswara Rao, Additional Secretary (Mines) & CG (I/c), IBM, Dr Niranjana Kumar Singh, Joint Secretary (Mines) and others were present.



(Clockwise) Dr K. Rajeswara Rao, Additional Secretary (Mines) and CG In-charge, IBM speaking at valedictory of MEMC Week celebrations organised at Sandur Mines in Ballari district, Karnataka. He visited the Sandur mines and interacted with the officials of SMIORE. Dr Rao also attended the final day programme of MEMC week organised in Raipur and interacted with representatives of various mining companies at an exhibition and gave away the awards for star rated mines.

Additional Secy (Mines) & CG In-charge visits Sandur, Raipur

Dr K. Rajeswara Rao, Additional Secretary (Mines) and Controller General In-charge, IBM attended the final day function of Mine Environment and Mineral Conservation (MEMC) week celebrations organised under the joint auspices of IBM (Bengaluru Regional office), Sandur Manganese and Iron Ores Ltd (SMIORE) and the Mining Industry Association at Sandur Mines in Ballari district on 1 March 2019.

Dr Rao unfurled the Green flag, a customary event of MEMC Week celebrations which symbolises sustainable development of mines in harmony with the environment. He administered oath to the industry leaders and representatives of various mines taking part in the programme. The Additional Secretary and CG (I/c) interacted with the representatives of various mining industry at the expo organised as part of the MEMC week celebrations.

On the occasion, he released a souvenir and gave away awards to various mines for good performance on sustainable development indicators. The representatives of the companies received the award.

Mine Visit

On the sidelines of the MEMC week, Dr K. Rajeswara Rao visited the SMIORE mines in Sandur. He interacted with the company officials on systematic mine development and social welfare programmes carried out by SMIORE inside the mines and surrounding areas. He planted a sapling on the mines campus. He also paid a visit to the nearby school where SMIORE carried out support and educational programme and interacted with the school children there.

Raipur

Dr K. Rajeswara Rao was the chief guest at the valedictory programme of the Third

Mine Environment and Mineral Conservation Week celebrations organised under the joint auspices of IBM and Mining Industry Association at the Shree Cements campus in Raipur on 23 Feb, 2019.

In his address, Dr Rao said MMDR Amendment Act, 2015 brought more transparency, equity and eliminated discretions in grant of mineral concessions. It provided an effective redressal and regulatory mechanism. The mining and exploration companies should adopt advance methods for mineral extraction, transportation and beneficiation making use of the IT and Artificial Intelligence to achieve zero waste mining, he said adding that it shall go a long way in reducing life hazards and reducing pollution in and around the mining areas. Dr Rao gave away awards to various mine owners in different categories and released a souvenir.

Additional Secy/P11

Parliamentary Consultative Committee meeting held

The Parliamentary Consultative Committee meeting of the Ministry of Mines and Ministry of Rural Development was held under the Chairmanship of Shri Narendra Singh Tomar, then Union Minister of Mines, Panchayati Raj, Rural Development and Parliamentary Affairs at New Delhi on 21 Jan 2019.

Speaking on the occasion, Shri Tomar emphasised on the positive impact of auction regime in allocation of Mining Leases in the country. Following the introduction of auction regime, 53 mineral blocks worth over Rs 2.25 lakh crores have been auctioned. The Government has established District Mineral Fund (DMF) in all the districts affected by mining and integrated it with the Pradhan Mantri Khanij Kshetra Kalyan Yojana (PMKKKY). The fund shall be utilised for the welfare activities in the areas affected by Mining. The DMF has accrued Rs 23606 crores hitherto and it is estimated that about 2.5 lakh crore shall be accrued in next 25 years, he said and added the fund would bring a qualitative changes in the lives of people residing near mines.

Shri Ram Kripal Yadav, then Union Minister of State for Rural Development, Shri Anil G. Mukim, Secretary (Mines), Shri S.N. Tripathi, Secretary, Ministry of Parliamentary Affairs and senior officers of Ministry of Mines and Ministry of Rural Development were present.

National Mineral Policy 2019 unveiled

The Union Government has approved the National Mineral Policy 2019 following the approval of Cabinet chaired by Hon'ble Prime Minister Shri Narendra Modi on 28 Feb, 2019 in New Delhi.

The key focus of the NMP 2019 is on transparency, better regulations & enforcement, balanced growth & sustainability, Grant of Industry status to Mining activity. It would ensure more effective regulation and would lead to sustainable mining sector development in future while addressing the project affected persons especially those residing in tribal areas. The NMP 2019 objects to have a more effective, meaningful and implementable policy that brings in further transparency, better regulation and enforcement, balanced social and economic growth as well as sustainable mining practices.

Some of the provisions in NMP 2019 includes:

1. Introduction of Right of First Refusal for RP/PL holders.
2. Encouraging the private sector to take up exploration.
3. Encouragement of merger and acquisition of mining entities.
4. Creation of dedicated mineral corridors to boost private sector mining areas.
5. The 2019 Policy proposes to grant status of industry to mining activity to boost financing of mining for private sector and for acquisitions of mineral assets in other countries by private sector.
6. It also mentions that long term import

export policy for mineral will help private sector in better planning and stability in business.

7. The Policy also mentions rationalise reserved areas given to PSUs which have not been used and to put these areas to auction, which will give more opportunity to private sector for participation.
8. The Policy also mentions to make efforts to harmonise taxes, levies & royalty with world benchmarks to help private sector.
9. The Policy also introduces the concept of Inter-Generational Equity that deals with the well-being not only of the present generation but also of the generations to come and also proposes to constitute an inter-ministerial body to institutionalise the mechanism for ensuring sustainable development in mining.

The National Mineral Policy 2019 replaces the extant National Mineral Policy 2008. In compliance of the directions of the Supreme Court, the Ministry of Mines constituted a committee under the chairmanship of Dr K. Rajeswara Rao, Additional Secretary, Ministry of Mines to review NMP 2008. The Committee, which included members from various ministries/departments, Industry Associations and Subordinate offices of Ministry of Mines held a wide consultations and receiving of comments on the draft NMP 2019 from the stakeholders. NMP 2019 was finalised and submitted to the Ministry of Mines early this year.

CME Dr P. K. Jain invited to deliver lecture at MINCON 2019

Dr P.K. Jain, Chief Mineral Economist, Indian Bureau of Mines delivered a lecture at a Workshop on UNFC System and MMDR Act 2015, organised for the officers of Geological Survey of India (GSI) and other Central and State agencies engaged in mineral exploration at Regional Training Institute, GSI, Central Region, Nagpur. He was also the chief guest for the valedictory programme held following the technical sessions and shared dias along with Shri G. Vidya Sagar, Additional Director

General & HoD, GSI, Central Region, Nagpur.

Dr Jain also attended MINCON 2019, a two-day conference on Mining organised by the Department of Industries and Mining, Government of Maharashtra organised at Hotel Centre Point, Nagpur during 9-10 Feb, 2019.

He spoke on "The Changing Supply and Demand Scenario of Indian Industrial Minerals" and "Mineral Exploration and Opportunity for Mineral-based Industry".



Dr P.K. Jain, Chief Mineral Economist, IBM delivering a lecture at MINCON 2019, a two-day conference on Mining organised in Nagpur.



The officers and staff of Indian Bureau of Mines gathered at the premises of the headquarters office in Nagpur during the flag hoisting programme on the occasion of 70th Republic Day. (Right) Shri A. Nandi, RCOM and officials of IBM Ranchi seen during the flag hoisting ceremony.

Republic Day celebrated in IBM offices

The 70th Republic Day was celebrated with pomp and zeal across all offices of IBM spread across the country on 26 Jan, 2019. The IBM HQ in Nagpur hosted the main event where Shri Mantu Biswas, then CCOM In-charge hoisted the tricolour.

In his address, Shri Biswas extended his wishes to the employees. He asked the gathering to deliver their duties with renewed energy. A disciplined and efficient delivery of services in the day-to-day office work would help the country progress better, he said.

Ranchi

Shri A. Nandi, Regional Controller of Mines unveiled the tricolour at the Regional Office, Ranchi. The employees and their family members took part in the national event. In his address, Shri Nandi complimented the gathering for the completion of 70 years of the Republic. Similarly, Republic Day was celebrated with lot of enthusiasm across other regional and zonal offices of Indian Bureau of Mines. The regional heads of various zonal and regional offices hoisted the tricolour to mark the day.

Shri Biswas, CCOM In-charge extended his wishes to the employees. He asked the gathering to deliver their duties with renewed energy. A disciplined and efficient delivery of services in the office work would help the country progress better.

For Spatial Data under MTS: IBM coordinates with Central, State forest agencies

Under the Mining Tenement System (MTS), the Indian Bureau of Mines (IBM) made some more progress in Q4 of FY19. The Bureau made correspondences with various agencies like Wildlife Institute of India, Forest Survey India, State Forest Departments, Geological Survey of India, National Informatics Centre and National Remote Sensing Centre for integration of geospatial data.

The forest departments of Rajasthan and Goa State Governments have shared the forest administrative maps and many of the State Governments have agreed to share the forest maps with IBM for the MTS project. While, Geological Survey of India (GSI) has also agreed to share the Regional Geological maps of the country on 1:50K scale from the

The forest departments of Rajasthan and Goa State Governments have shared the forest administrative maps and many of the State Governments have agreed to share the forest maps with IBM for the MTS project.

OCBIS System. Similarly, the GIS and Remote Sensing Cell is also utilising the services of OCBIS system of GSI and are utilising the geological maps for preparation of multi-mineral lease hold maps.

Training on Online Submission of Returns

The Indian Bureau of Mines (IBM) organised a training programme for the industry personnel on "Online Submission of Monthly and Annual Return under Rule 45 of MCDR, 2017" at the Gujarat Mineral Development Corporation (GMDC) hall in Ahmedabad on 11 January, 2019.

About 60 representatives from Rajasthan, Jammu and Kashmir and Gujarat participated in the training programme and were apprised statutory provisions of filing of periodical returns and various other requisites under Rule 45 of MCDR 2017. Shri L. Kulshrestha, Chief General Manager and CFO, GMDC was the chief guest who lighted

Training/P11



(Clockwise) The officers and employees of IBM gathered for the Foundation Day programme, Khanij Diwas at the Headquarters in Nagpur. Dr S.R. Wate, former director of NEERI lighting the lamp to inaugurate the Khanij Diwas celebrations. Officers and employees at a health check-up and blood donation camp organised as part of the Foundation day celebrations.

IBM Foundation Day, Khanij Diwas celebrated

Indian Bureau of Mines (IBM) celebrated the 72nd Foundation Day, 'Khanij Diwas' at the Headquarters, Zonal and Regional offices on 1 March, 2019. The IBM HQ in Nagpur hosted the main event. Dr S.R. Wate, former Director of National Environmental Engineering Research Institute was the chief guest, while noted Diabetologist Dr Manish Bothale was guest of honour.

To begin with, a message from Dr K. Rajeswara Rao, Additional Secretary (Mines) & Controller General (I/c) was read. Dr Rao extended greetings and wrote: "IBM officers need to play a responsible and accountable role to bring laurels to the organisation and to achieve higher goals in disciplined and organised way. The role of IBM has acquired significant dimensions in the light of announcement of NMP 2019. IBM has to take leadership role coordinating mining industry and all stakeholders for effective implementation. Each employee should have inherent transparency and honesty and

work hard for smooth day-to-day functioning of IBM."

In his address, Dr S.R. Wate, who inaugurated the foundation day programme lauded the contributions of IBM to the development of mining sector and its proactive role as advisor, regulator and facilitator. The mining sector in the country should be more sustainable in the future. IBM can bring about some robust mechanism in place to ensure that mining plans and mine-closure plans have a fair outlook for the environment; he said and added that IBM has the responsibility to make mine-closure plans effective in environmental redress ideas and plans.

Diabetologist Dr Manish Bothale, speaking on the occasion, gave some tips to the employees for keeping away diabetes. "A regular exercise, healthy diet accompanied with stress-free lifestyle can go a long way in keeping away all kinds of disorders and diseases," he stated. Smt Indira Ravindran, Director (Ore Dressing) stressed on synergy

“ The role of IBM has acquired significant dimensions in the light of announcement of NMP 2019. IBM has to take leadership role coordinating mining industry and all stakeholders

between various divisions of IBM. Shri Mantu Biswas, then CCOM In-charge, Shri P.N. Sharma, COM and other senior officials from different divisions and sections were present.

Earlier, the employees actively took part in a health check-up and Blood donation camp. More than 50 officials from the IBM HQ and Ore Dressing Laboratory, Hingna, Nagpur donated blood. A walkathon was also organised in the morning in which officers and staff took part.



Ajmer

A programme was organised to mark the 72nd Foundation day at the Ajmer IBM office. Shri Ram Narayan, a retired official of IBM was the chief guest, while Shri B.L. Kotriwala, RCOM presided. In his address, Shri Kotriwala highlighted the functional role of IBM and contributions of IBM towards development of Mining Industry. Shri Basavaraj Karadkal, SO (OD) & HO, IBM Ajmer, in his remarks said IBM played a role in nation building since independence. Shri Sujit Kumar, AODO, RMPL, IBM, Ajmer presented a lecture on "Brief Introduction to Mineral Processing". Officers, staff and retired employees of the Bureau attended the event.



Bengaluru

The Bengaluru Zonal, Regional office and the Regional Ore Dressing Laboratory together hosted the Khanij Diwas celebrations on 1 March, 2019. Shri J.R. Chaudhary, Controller of Mines inaugurated the event lighting the lamp. Dr V.J. Aruna, SO (OD) and Head of Office, IBM, Bengaluru and Ashwini Kumar, Assistant Mining Engineer were present.

Addressing the employees, Shri Chaudhary talked about the National Mineral Policy and said the new mineral policy would help bring about more reforms in the mining sector in future. As part of the Foundation Day celebrations, various events and

competitions were organised for the officials. The winners in various competitions were felicitated at the end of the programme. Retired officials of IBM participated. Shri Ashwini Kumar gave vote of thanks.



Goa

Dr (Smt) Vrishali Madrekar, the Head of the Department of Hindi, University of Goa was the chief guest at the Foundation Day celebrations organised at the IBM office in Goa on 1 March, 2019. The Foundation Day programme was accompanied with a Hindi Karyashala.

In his address, Dr Y.G. Kale, RCOM highlighted the key achievements of IBM in the last seven decades and delved on the importance of observing Khanij Diwas to mark the foundation day. He called upon the employees to help building a strong foundation of the organisation.

Addressing the gathering, Dr (Smt) Vrishali appreciated the contributions of IBM to the mining sector. She also released the 12th volume of the Hindi house journal of IBM Goa office, "Prayaas" on the occasion. Shri Om Prakash, DCOM gave vote of thanks. Shri Suresh Prasad, DCOM and other officials were present.



Guwahati

In IBM Guwahati office, Chief Controller of Explosives Shri Ansari was invited as the

chief guest for the 72nd Foundation Day. Shri P.K.Bhattacharya, Regional Controller of Mines informed the gathering about the basis of the establishment of IBM and also delivered a talk on the UNFC Classification of Minerals and its merits. Chief Guest Ansari was felicitated on the occasion.



Hyderabad

Khanij Diwas was celebrated with pomp and show at the Hyderabad Regional office. Shri B. Ram Mohan, retired Regional Controller of Mines, IBM was the chief guest. Shri Shailendra Kumar, RCOM, Hyderabad presided over the programme. Shri Manish Maindiratta, DCOM welcomed the guests. Dr Komal Jagadish, physician, conducted a training programme on first aid on various health emergencies. On the occasion, retired officials of IBM were honoured. A blood donation camp was also organised in the campus. Shri Ibrahim Shariff, Assistant Controller of Mines offered vote of thanks.



Ranchi

The Ranchi office of IBM also soaked in the Foundation Day celebrations. Shri Anupam Nandi, RCOM complimented the employees on the occasion of Khanij Diwas and said the passing of each year brings new hopes for the Bureau.

All officials should contribute to the growth of IBM. The Ajmer, Raipur, Dehradun, Chennai, Kolkata offices of IBM also celebrated the Khanij Diwas.

SNIPPETS

MPD officer invited as faculty

Dr D.R. Kanungo, Suptdg. Officer (OD) delivered a lecture on the topic, "Significance of Beneficiation Technique in G-2 Exploration with Case Studies" at a week-long training programme on G-2 stages of Mineral Exploration organised by Regional Training Institute, GSI Central Region in Nagpur. The training programme was conducted for the Geoscientists from GSI, Indian Bureau of Mines, Directorate of Geology and Mining, Maharashtra, Mineral Exploration Corporation (MECL) and Manganese Ore India Limited (MOIL).

Registration under Rule 45

The registration under Rule 45 of MCDR 1988 (excluding 31 minor minerals) has made good progress. All the 1316 working leases are registered as on March, 2019. While, 2130 leases out of 2488 non-working leases are registered. In total, 3446 leases are registered with IBM. About 108 leases were suspended and another 218 recommended to the State Governments for termination. So far, 1211 end users, traders, stockiest and exporters are registered under the Rule.

GIS & Remote Sensing projects

Under the GIS & Remote Sensing Centre Projects at IBM, Nagpur and Hyderabad, discussions are underway with NRSC, Hyderabad for integration of Bhuvan Portal Services with MTS project and Bhuvan based services for monitoring of mining activities. IBM has also proposed for development of mobile app for field data collection and imparting of training to the IBM officials for the purpose. Data migration activities of transferring of multi-mineral lease hold maps from Autocad platform to the GIS platform is in progress. The Reconnaissance Permits and Prospecting Licences shall be digitised on the GIS platform.

IBM has prepared a project proposal for 'Assessing the Impact of Mining activities in and around the leases and prospecting licences of MOIL Ltd through application of GIS and Remote Sensing Techniques' under an MoU between the two organisations. The proposal is sent to the MOIL Ltd for its concurrence.



(Clockwise) Shri Bipul Pathak, Joint Secretary (Mines) lighting the lamp and cutting ribbon to open the Mines Pavillion at the India Steel 2019, a Conference and Exhibition jointly organised by the Ministry of Steel and FICCI at Bombay Exhibition Centre in Mumbai. The participants from IBM and various other organisations are seen. A view of the Mines Pavillion set up at the exhibition.

In Mumbai

IBM officials attend India Steel 2019

The Indian Bureau of Mines (IBM) participated in the India Steel 2019, a Conference and Exhibition jointly organised by the Ministry of Steel and Federation of Indian Chambers of Commerce and Industry (FICCI) at Bombay Exhibition Centre, Goregaon, Mumbai during 22-24 January, 2019. IBM participated in the exhibition under the aegis of Ministry of Mines (MoM).

The IBM, Geological Survey of India (GSI), National Aluminium Company (NALCO), Hindustan Copper Limited (HCL) and Mineral Exploration Corporation Limited (MECL), the key departments and PSUs under the Mines Ministry exhibited their strength under the Ministry of Mines Pavilion in the three-day exhibition. The agencies displayed posters/banners showcasing the services, achievements, capabilities and disseminating information on role of Ministry of Mines in enhancement of exploration and mining through recent policy changes.

Shri Bipul Pathak, Joint Secretary (Mines) inaugurated the Mines Pavilion cutting the ribbon and illuminating traditional lamp. He lauded the efforts of representing officers from all four agencies

for a befitting display of each organisation's strength and the design of the Pavilion. The prominent visitors to the Mines Pavilion included Shri Chaudhary Birender Singh, then Union Minister of Steel. The theme of the Mines Pavilion was the role played by MoM in speeding up exploration activities in the country for auctioning of potential mineral blocks.

A megal LED screen and two large LED screens showed glimpses of functioning of different offices and PSUs under MoM. Also, running photographs of infrastructure, capabilities and achievements were on display. Specially designed VIP lounge, round tables attracted the visitors and evoked good response from dignitaries, domestic and foreign delegates. The event gave an enriching experience to officials from IBM and other agencies. S/Shri D.S. Walde, SgME, Dilip Jain, SMG, A.Z. Khan, SMG, Arun Kumar, DCOM represented IBM.

A large number of stakeholders of the steel sector including Central & State departments and PSUs and private companies participated to display their services, products and achievements.

PEEK INTO HISTORY

Widening IBM's Role and Responsibilities

For Indian Bureau of Mines, the year 1981 brings some of best cherished moments in its seven decades of existence. Upon recommendations from the IBM Review Committee 1978, the Government of India by notifying a resolution No. F-23012(133)/80-MVI, dated 11 August, 1981 expanded the functions of the Bureau. IBM was poised to play a more significant role in the development of mineral resources.

The salient additions to the functions of IBM were inspection of beneficiation plants and mineral-based industries; conducting geological, mining, beneficiation and other techno-economic field studies; conducting studies on environmental protection and pollution control; testing and analysis of ores and minerals obtained from the sea; issue of information circulars relating to mining, mineral beneficiation and mineral-based industries; advising Government on matters regarding the mineral resources of the sea, infrastructural requirement and environmental protection and pollution control; training of scientific, technical and other cadres from the mineral industry; and promoting awareness in regard to the conservation and systematic development of mineral deposits through museums and other audio-visual aids.

New Charter of Functions

A new Charter of Functions was formulated for IBM, broadening the horizons and functional areas. The collection, processing and storage of data on mines, minerals and mineral-based industries; collection and maintenance of world mineral

intelligence, foreign mineral legislations and other related matters; publication of bulletins, monographs, information circulars, reports of investigations relating to mining, mineral beneficiation and mineral-based industries; and publishing of statistics relating to mineral production in India, mineral stocks, exports, local consumption etc became a key feature of Charter of Functions along with the regular functions.

Mineral Resources Inventory

The massive programme launched for updating the inventory of mineral resources in India was successfully concluded after two years of hard work. The work called for a careful planning and measures to arrive at an understanding with all the exploration agencies in the country. The intensive programme led to completion of the inventories on 30 important minerals. Shri Pranab Mukherjee, then Hon'ble Minister of Commerce, Steel and Mines was presented with a copy of the Inventory during the 21st meeting of Mineral Advisory Council.

The period also witnessed IBM organising a conference on Rock Phosphate in Nagpur during 22-23 Sept, 1981 to discuss the demand and supply problems. About 75 representatives from all the stakeholder agencies like exploration companies, producers, and consumers of phosphates, chemical industries, Central and State Governments, Indian Standards Institution and Fertilizer Association of India, Minerals and Metals Trading Companies etc. participated.

Training from page 7

lamp to begin the day-long training. In his address, Shri Kulshrestha emphasised on the need for systematic implementation of Online Submission of Monthly Returns and asked participants to ensure prompt action for their own benefit and improving of efficiency in regulation of mineral sector in the country.

The training programme covered sessions on Statutory Provisions of Filing of Periodical Returns, Processing of Monthly and Annual Returns (F & H Series) under Rule 45 of MCDR 2017 and publication of Average Sale Price (ASP), Mining Tenement System and filing Online Returns. Shri K. Thomas, DDG (Statistics), Dr P.K. Jain, CME, Shri Kotriwala,

Additional Secy from page 5

Shri P.N. Sharma, Controller of Mines (Central Zone), IBM said Chhattisgarh State bestowed with huge resources of Iron Ore, Bauxite, Limestone and Coal. Proper extraction and value addition of mineral may bring industrial revolution providing better employment opportunities and overall socio-economic development of the State. He appealed the mining industry to initiate steps for sustainable development of mineral sector. While, Shri R.K. Tiwari, Vice-President of M/s Shree Cement Ltd said every Mine Management should introduce modern, scientific and safe mining methods and highlighted the difficulties in operational part of mineral concessions. Shri B.L. Gurjar, RCOM, Raipur presented a report on the MEMC week events.

Owners and representatives of about 47 mines participated in the MEMC Week celebrations.

Other Offices

Similarly, the Regional offices of Chennai, Dehradun and Bhubaneshwar also celebrated the MEMC week. The Chettinad Cement Corporation Ltd hosted the show under Chennai region. Both Dehradun and Bhubaneshwar office of IBM observed the MEMC week between 11.3.2019 and 17.3.2019.

Shri P.N. Sharma, Controller of Mines (Central Zone), IBM said Chhattisgarh State bestowed with huge resources of Iron Ore, Bauxite, Limestone and Coal.

RCOM, IBM and Shri Jangid, RCOM (TMIS) from Indian Bureau of Mines presented lectures on topics relevant to Rule 45. The participants included executives from PSUs and Private Sector companies. The participants were presented certificates. S/Shri K. S. Yadav, RCOM, M. Girhe, SMG, IBM were present.

TECHNICAL UPDATES

Beneficiation of low grade copper

A very low grade copper exploratory drill core sample of South of Gangutana extension, Unit TS NO.54A/1, Mahendragarh Distt., Haryana was received from Geological Survey of India, Chandigarh. The as received sample assayed 0.19% Cu, 44.17% SiO₂, 10.08% Al₂O₃, 19.98% CaO, 3.66% MgO, 0.124% organic Carbon, and 8.38% LOI.

The mineralogical studies on the as received sample indicate that the sample consists major amounts of mica (biotite & muscovite), quartz, amphibole and carbonates (dolomite & calcite) with minor amounts of chlorite and feldspar. Chalcopryrite, covellite/chalcocite, bornite, pyrite, arsenopyrite, and tourmaline are noticed in very minor to trace amounts in the sample.

By employing flotation process could yield a final copper concentrate assaying 21.93% Cu, 18.06% SiO₂, 20.02% Fe₂O₃, 6.48% Al₂O₃, with 66.3% Cu recovery (weight percent yield being 0.55). Thus, the copper concentrate produced is suitable for industrial use.

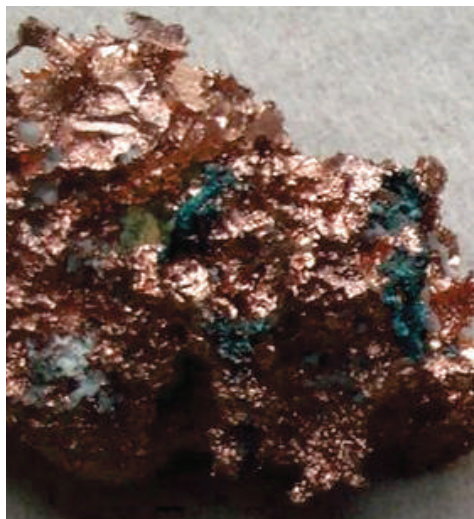
The as received sample also contains about 19.98% CaO, and so efforts were made to assess the possibility to produce a by-product of carbonate concentrate suitable for industrial applications. A preliminary flotation test was carried out on the rejects of the copper flotation process. After recovering the copper concentrate, reject was the feed to carbonate flotation and final concentrate could be produced assaying 43.82% CaO, 5.54% MgO, 7.09% SiO₂, 1.31% Al₂O₃ and 39.81% LOI with 39.3% CaO recovery (weight percent yield-17.9).

Besides copper concentrate production, carbonate concentrate for making cement as a by-product shows value addition product for these mines.

Sample II

A low grade copper bearing ore sample (G-2 Stage) was received from GSI, Western Region, Jaipur for bench scale beneficiation studies.

The as received sample assayed 0.23% Cu, 331ppm Pb, 822ppm Zn, 34.52% SiO₂,



Copper Ore

25.22% CaO, 8.063% Al₂O₃, 4.179% MgO, 10.1% Fe₂O₃, 2.10% K₂O, 1.38% Na₂O, 0.708% TiO₂, 0.444% MnO₂, 0.259% SO₃, 0.091% P₂O₅ and 16.40% LOI.

Mineralogical studies of the as received sample indicated that the sample consisted of Chalcopryrite, Covellite and Chalcocite as the copper bearing minerals in minor to very minor amounts. Major amounts of carbonates (calcite, dolomite) and mica (biotite > muscovite) with subordinate amounts of quartz. Minor to very minor amounts of chlorite, hematite, amphibole (tremolite, actinolite), magnetite, ilmenite, goethite/limonite, pyrite and traces of galena, bornite, sphalerite and tourmaline were also noticed in the sample.

By adopting froth flotation beneficiation process could yield a copper concentrate assaying 21.16% Cu, 3.20% Pb, 6.20% Zn with respect to metal recoveries of 70.01% Cu, 57.17% Pb and 64.47% Zn with wt% yield 0.8. Attempts employing a preliminary flotation test conducted on Rougher Tails obtained after rougher sulfide flotation for by-product recovery could yield a carbonate concentrate assaying 46.20% CaO, 2.58% MgO, 5.41% SiO₂, 2.21% Al₂O₃, 4.06% Fe₂O₃, 37.73% LOI with CaO recovery of 28.94% and wt% yield 13.1. The Carbonate concentrate obtained may find its use in cement making industries.

Beneficiation of/P13

Beneficiation study on limestone reject

A siliceous limestone reject sample from Bilakalaguduru village, Gadivemula Mandal, Kurnool Distt. of M/s JSW Cement Limited was received at Regional Mineral Processing Laboratory, IBM, Bengaluru for preliminary characterisation and detailed bench scale beneficiation studies with an objective to reduce silica content in the limestone concentrate so as to meet the cement industry requirement.

The as received sample assayed 36.90% CaO, 0.73% MgO, 24.24% SiO₂, 3.95% Fe₂O₃, 2.3% Al₂O₃, 0.14% TiO₂, 28.50% A.I., 12.46% Free Silica, 67.72% Total carbonates and 29.75% LOI. Specific gravity of the as received sample is 2.72.

Mineralogical analysis of the sample revealed that the sample mainly consists of carbonate (calcite) as major mineral and quartz+feldspar as sub-ordinate mineral. Clay, goethite/ limonite, pyrite/pyrrhotite, pyroxene/amphibole, dolomite and mica are present in very minor to trace amount. Microscopic examination studies revealed that the Carbonate (calcite) occurs in cryptocrystalline to fine sized grain. Most of the carbonate grains are interlocked with quartz + feldspar, goethite/ limonite, pyrite+ pyrrhotite and clay minerals.

Dry beneficiation processes like differential grinding in rod mill with reduced rod charge followed by dry sieving was attempted. The results are not encouraging. This is due to occurrence of calcite as microcrystalline aggregates, finely intermixed with quartz and other silicate gangue minerals. Flotation test at a grind of 95.4% passing 75 um, with 0.5 Kg/t Sodium silicate, with 0.7 Kg/t Sodium oleate, at a low pulp density of solids (~20%) yielded a three stage cleaner float concentrate assaying 47.21% CaO, equivalent to 84.03% CaCO₃, 12.42% SiO₂, 36.16% LOI with a CaO recovery of 68.1%. The wt.% yield of the product was 55.6.

This suggests that the limestone reject dump sample is amenable for beneficiation by flotation to reduce silica content to the desired specification of cement industry i.e., <13% SiO₂.

SPORTS MEET



The 27th All India IBM sports meet was organised under the auspices of Guwahati Regional office at Netaji Subhash Regional Centre of Sports Authority of India in Guwahati during 5-7 Feb, 2019. Shri Pankaj Kulshrestha, Controller of Mines, IBM, Kolkata inaugurated the Sports meet accompanied by Capt. S.S. Chaudhary, CAO, IBM and Shri P.K. Bhattacharjee, RCOM, IBM Guwahati. About 170 employees from HQ and Regional offices participated. An Assamese traditional dance marked the opening ceremony of the event. The three-day event saw events such as Athletics, Long Jump, Volley Ball, Shot Puts, Javelin Throw and others. Shri Mantu Biswas, then CCOM In-charge presided the valedictory ceremony and gave away prizes to the winners in which Nagpur team stood first, while Ajmer Regional office team came second.

*Beneficiation of
from page 12*

Sample III

A low grade Copper ore bearing sample from Khera SE Block, District-Alwar, Rajasthan collected by Geological Survey of India as a part of G-2 exploration was received at Regional Mineral Processing Laboratory, IBM, Ajmer for bench scale beneficiation studies. The objective of the investigation was to evolve a process flow sheet for producing a Copper concentrate assaying more than 18% Cu with maximum possible recovery.

The as received sample assayed 0.22% Cu; 52.82% SiO₂; 6.43% Al₂O₃; 0.67% S(T);

3.64% Fe (T); 2.34% FeO; 11.39% CaO; 4.85% MgO; 0.21% Na₂O; 2.38% K₂O; 0.40% TiO₂; 11.87% LOI with 56.01% Acid insoluble.

Mineralogically, Chalcopyrite is present in traces. Quartz is present in predominant amount, whereas carbonates (Calcite and Dolomite) occur in major amount. Mica (Muscovite and Biotite) present in subordinate amount. Feldspar and Iron Oxides (Hematite, Magnetite & Goethite) are present in minor amount, whereas Arsenopyrite, Pyrrhotite, Pyrite, Fluorite, Rutile and

Amphibole occurs in very minor to trace amount.

By employing flotation test, obtained a composite copper concentrate assayed 21.2% Cu with recovery 68.7% (wt% yield 0.71) which is suitable for metallurgical applications.

The bench scale beneficiation results indicate that, although the as received sample was a low grade (0.22% Cu), it is amenable for up gradation, and it is possible to produce a Copper concentrate suitable for Copper smelter.

हिन्दी अनुभाग

हर्षोल्लास के साथ मनाया गया खनिज दिवस

प्रतिवर्षानुसार इस वर्ष भी भारतीय खान ब्यूरो का स्थापन दिवस 'खनिज दिवस' के रूप में मनाया गया. इस अवसर पर विभिन्न क्षेत्रीय, उप-क्षेत्रीय कार्यालयों में विभिन्न कार्यक्रमों का आयोजन किया गया.

भारतीय खान ब्यूरो, मुख्यालय – भारतीय खान ब्यूरो मुख्यालय में खनिज दिवस हर्षोल्लास के साथ मनाया गया. कार्यक्रम की अध्यक्षता मुख्य खान नियंत्रक (प्रभारी) श्री मंटू बिस्वास ने की. मुख्य अतिथि के तौर पर नीरी के पूर्व निदेशक डॉ. एस.आर.वटे तथा विशेष अतिथि के तौर पर मधुमेह तज्ञ डॉ. मनीष बोथले को आमंत्रित किया गया था. मंच पर खान नियंत्रक (समन्वय) श्री पी.एन.शर्मा तथा खनिज प्रसंस्करण प्रभाग की निदेशक श्रीमती इंदिरा रविंद्रन उपस्थित थीं. ब्यूरो कर्मियों ने बड़ी संख्या में कार्यक्रम में भाग लिया. इससे पूर्व सुबह ब्यूरो में वॉकथॉन तथा रक्तदान शिविर का आयोजन किया गया था. जिसमें सभी ने बढ़-चढ़कर हिस्सा लिया.

गोवा क्षेत्रीय कार्यालय – गोवा क्षेत्रीय कार्यालय में भारतीय खान ब्यूरो का स्थापना दिवस खनिज दिवस के रूप में मनाया गया. इस अवसर पर गोवा विश्वविद्यालय की हिंदी विभागाध्यक्ष डॉ. वृषाली माद्रेकर को मुख्य अतिथि के तौर पर आमंत्रित किया गया था. इस अवसर पर हिंदी कार्यशाला का भी आयोजन किया गया. सर्वप्रथम क्षेत्रीय खान नियंत्रक डॉ. वाई. जी. काले ने स्वागत भाषण दिया तथा खनिज दिवस के बारे में विस्तृत जानकारी दी. श्री सुरेश प्रसाद, उप खान नियंत्रक ने मुख्य अतिथि का परिचय दिया. इस अवसर पर मुख्य अतिथि डा माद्रेकर ने अपने भाषण में भारतीय खान ब्यूरो के खनिज क्षेत्र में योगदान की सराहना की. इस अवसर पर गोवा क्षेत्रीय कार्यालय की गृह पत्रिका 'प्रयास' के 12वें अंक का विमोचन किया गया. अंत में उप खान नियंत्रक श्री प्रेम प्रकाश ने धन्यवाद प्रस्ताव दिया.

रांची क्षेत्रीय कार्यालय – भारतीय खान ब्यूरो मुख्यालय सहित अन्य सभी क्षेत्रीय तथा उप-क्षेत्रीय कार्यालयों में भारतीय खान ब्यूरो का स्थापना दिवस खनिज दिवस के रूप में मनाया गया. रांची क्षेत्रीय कार्यालय में क्षेत्रीय खान नियंत्रक श्री अनुपम नंदी की अध्यक्षता में खनिज दिवस समारोह का आयोजन किया गया था.

बेंगलूर आंचलिक कार्यालय – भारतीय खान ब्यूरो के बेंगलूर आंचलिक कार्यालय, क्षेत्रीय कार्यालय एवं क्षेत्रीय खनिज



भारतीय खान ब्यूरो, मुख्यालय में आयोजित खनिज दिवस के अवसर पर मंच पर उपस्थित श्री मंटू बिस्वास, मुख्य खान नियंत्रक (प्रभारी), श्रीमती इंदिरा रविंद्रन, निदेशक, खनिज प्रसंस्करण प्रभाग, श्री पी.एन.शर्मा, खान नियंत्रक (समन्वय), डा एस.आर.वटे, पूर्व निदेशक, नीरी, डा मनीष बोथले, मधुमेह तज्ञ तथा स्वागत गीत प्रस्तुत करती ब्यूरो की महिला कर्मचारी. (नीचे) खनिज दिवस पर आयोजित रक्तदान शिविर में रक्तदान देते अधिकारी/कर्मचारी.

प्रसंस्करण प्रयोगशाला द्वारा सम्मिलित तौर पर 1 मार्च खनिज दिवस के रूप में मनाया गया. कार्यक्रम का शुभारंभ खान नियंत्रक (द.अ.) श्री जे.आर.चौधरी, अधीक्षण अधिकारी एवं कार्यालय अध्यक्ष डॉ.वी.जे.अरुणा तथा सहायक खनन अभियंता श्री अश्वनी कुमार ने दीप प्रज्वलन कर किया. इस अवसर पर विभिन्न प्रतियोगिताओं का आयोजन किया गया. समापन समारोह में श्री चौधरी ने राष्ट्रीय खनिज अन्वेषण नीति पर विस्तार से प्रकाश डाला. तत्पश्चात प्रतियोगिता के विजेताओं को पुरस्कृत किया गया. कार्यक्रम में ब्यूरो से सेवानिवृत्त कर्मचारी भी उपस्थित थे. सहायक खनन अभियंता श्री अश्वनी कुमार के धन्यवाद ज्ञापन के साथ कार्यक्रम का समापन हुआ.

हैदराबाद क्षेत्रीय कार्यालय – भारतीय खान ब्यूरो के हैदराबाद क्षेत्रीय कार्यालय में 'खनिज दिवस' मनाया गया. इस अवसर पर क्षेत्रीय खान नियंत्रक (सेवानिवृत्त) श्री बी.राम मोहन मुख्य अतिथि के तौर पर आमंत्रित थे. क्षेत्रीय खान नियंत्रक श्री शैलेन्द्र कुमार ने कार्यक्रम की अध्यक्षता की. उप खान नियंत्रक श्री मनीष के. मैदिस्ता ने उपस्थितों का स्वागत किया. कार्यक्रम में सेवानिवृत्त कर्मचारियों ने भी शिरकत की. इस अवसर पर रेड क्रॉस सोसायटी द्वारा रक्तदान शिविर का आयोजन किया गया था. पश्चात डॉ.कोमल जगदीश ने प्राथमिक चिकित्सा पद्धतियों पर प्रशिक्षण दिया.



वरि. सहा.खान नियंत्रक श्री इब्राहीम शरीफ के धन्यवाद ज्ञापन से कार्यक्रम का समापन हुआ.

गुवाहाटी क्षेत्रीय कार्यालय – गुवाहाटी क्षेत्रीय कार्यालय में भारतीय खान ब्यूरो का स्थापना दिवस, खनिज दिवस के रूप में मनाया गया. इस अवसर पर उप मुख्य विस्फोटक नियंत्रक श्री अंसारी मुख्य अतिथि के तौर पर आमंत्रित थे. सर्वप्रथम, क्षेत्रीय खान नियंत्रक श्री. पी के भट्टाचार्य, ने स्वागत भाषण दिया तथा खनिज दिवस तथा इस अवसर पर उन्होंने खनिज संसाधनों के UNFC वर्गीकरण पर जानकारी दी. अंत में वरिष्ठ खनन भूविज्ञानी, श्री मोहपात्रा ने धन्यवाद प्रस्ताव दिया.



भारतीय खान ब्यूरो मुख्यालय में आयोजित एक दिवसीय हिंदी कार्यशाला में व्याख्यान देते डा पी.के.जैन, खनिज अर्थशास्त्री एवं राजभाषा अधिकारी तथा कार्यशाला में उपस्थित प्रतिभागी. (दाएं) बेंगलूरु में आयोजित हिंदी कार्यशाला को संबोधित करते श्री जे.आर.चौधरी, खान नियंत्रक तथा उपस्थित अधिकारी/कर्मचारी.

हिंदी कार्यशाला का आयोजन

संघ सरकार की राजभाषा नीति एवं वार्षिक कार्यक्रम के अनुसार भारतीय खान ब्यूरो मुख्यालय एवं विभिन्न क्षेत्रीय, उप-क्षेत्रीय कार्यालयों में हिंदी कार्यशाला का आयोजन किया जाता है.

भारतीय खान ब्यूरो, मुख्यालय — मुख्यालय में 14 मार्च 2019 को अधिकारियों एवं कर्मचारियों हेतु एक पूर्ण दिवसीय हिंदी कार्यशाला का आयोजन किया गया. हिंदी कार्यशाला में भारतीय खान ब्यूरो कार्यालय के व्याख्याताओं ने अलग-अलग विषय पर व्याख्यान दिए.

अपने व्याख्यान में मुख्य खनिज अर्थशास्त्री एवं राजभाषा अधिकारी डा.पी.के.जैन ने हिंदी कार्यशाला के उद्देश्य और महत्व पर प्रकाश डालते हुए कहा कि हिंदी कार्यशाला का आयोजन भारत सरकार की राजभाषा नीति का ही एक अंग है. मुख्य संपादक श्री ए.के.सिंह ने अंग्रेजी हिंदी पारिभाषिक शब्दावली की जानकारी देते हुए इसकी आवश्यकता व इसकी महत्ता पर विस्तृत जानकारी दी. हिंदी अनुवादक श्री असीम कुमार ने हिंदी वर्तनी में होने वाली छोटी-छोटी त्रुटियों एवं तिमाही रिपोर्ट की जानकारी दी. खनिज अर्थशास्त्री श्री मुजीबुद्दीन सिद्दीकी ने हिंदी में सामान्य एवं तकनीकी पत्राचार कैसे किया जाए इस बारे में जानकारी दी.

कार्यशाला के पश्चात सभी प्रतिभागियों से कार्यशाला के विषय में उनकी प्रतिक्रियाएं प्राप्त की गईं. कार्यशाला में 24 अधिकारियों एवं कर्मचारियों ने भाग लिया.

आखिर में हिंदी अनुवादक श्री किशोर पारधी ने धन्यवाद ज्ञापन प्रस्तुत किया.

खनिज प्रसंस्करण प्रभाग— भारतीय खान ब्यूरो के खनिज प्रसंस्करण प्रभाग, एम.आय.डी.सी.,हिंणगा, नागपुर में 14 मार्च 2019 को एक दिवसीय हिंदी कार्यशाला का आयोजन किया. मुख्य अतिथि के तौर पर निदेशक श्रीमती इंदिरा रविंद्रन उपस्थित थीं. कार्यक्रम की अध्यक्षता मुख्य अयस्क प्रसाधन अधिकारी डॉ.(श्रीमती) संध्या लाल ने की. सर्वप्रथम मुख्य अतिथि एवं अध्यक्ष को पौधा भेंट देकर सत्कार किया गया. मुख्य अतिथि ने अपने संबोधन में हिंदी में कार्य करने की

आवश्यकता पर बल दिया. उक्त कार्यशाला में कुल 21 कर्मिकों ने भाग लिया, प्रथम सत्र में डॉ.लाला ने कार्यालयीन हिंदी के स्वरूप विषय पर, सहायक अयस्क प्रसाधन अधिकारी एवं हिंदी संपर्क अधिकारी श्री अंचित गोयल ने धारा 3(3) एवं राजभाषा नियमों के अनुपालन के विषय पर व्याख्यान दिए. दूसरे सत्र में कार्यालय अध्यक्ष (ख.प्र.) श्री डी.के.स्वामी ने प्रशासनिक नियमों के विषयों पर एवं अनुवादक श्री संजय डोंगरे ने राजभाषा नीति से संबंधित विषय पर व्याख्यान दिए.

कार्यशाला का कुशल संचालन तथा धन्यवाद प्रस्ताव श्री गोयल ने दिया.

उदयपुर क्षेत्रीय कार्यालय — भारतीय खान ब्यूरो के उदयपुर क्षेत्रीय कार्यालय में 21 फरवरी 2019 को एक दिवसीय हिंदी कार्यशाला का आयोजन किया गया. कार्यशाला का उद्घाटन खान नियंत्रक श्री पंकज कुलश्रेष्ठ ने मां सरस्वती के तैलचित्र पर माल्यार्पण एवं दीप प्रज्ज्वलन कर किया. इस अवसर पर उन्होंने बताया कि भारतीय खान ब्यूरो के उदयपुर कार्यालय में अधिकांश कार्य हिंदी में किया जा रहा है. प्रशासनिक कार्यों के अतिरिक्त तकनीकी कार्य भी हिंदी में संपादित किए जाते हैं. इससे पूर्व वरिष्ठ सांख्यिकी अधिकारी एवं हिंदी संपर्क अधिकारी श्रीमती नीता कोठारी ने अपने स्वागत भाषण में बताया कि हिंदी बहुत ही समृद्ध भाषा है. श्रीमती कोठारी ने कार्यालय में राजभाषा से संबंधित किए जा रहे कार्यों का ब्यौरा प्रस्तुत किया. समारोह का संचालन कनिष्ठ सांख्यिकी अधिकारी श्री अक्षत याज्ञनिक ने किया एवं आशुलिपिक श्री दिलीप पंवार ने धन्यवाद ज्ञापित किया.

प्रथम सत्र में मेसर्स हिंदुस्तान जिंक लि. के पूर्व राजभाषा अधिकारी श्री विजय सिंह ने 'हिंदी में सामान्य अशुद्धियों से कैसे बचे' विषय पर व्याख्यान दिया. द्वितीय व्याख्यान में कार्यालय के भंडारपाल (तकनीकी) श्री ललित कुमार नागदा ने 'हिंदी में नई पेंशन योजना' संबंधी जानकारी दी.

तृतीय सत्र 'हिंदी में निविदा प्रक्रिया संबंधी जानकारी' विषय पर हुआ. हिंदी कार्यशाला का समापन समारोह श्री पंकज कुलश्रेष्ठ की अध्यक्षता में आयोजित किया गया. कार्यशाला का समापन उप खान नियंत्रक श्री के.के.टारडिया के धन्यवाद ज्ञापन से हुआ.

बेंगलूरु क्षेत्रीय कार्यालय — भारतीय खान ब्यूरो के बेंगलूरु आंचलिक कार्यालय, क्षेत्रीय कार्यालय एवं क्षेत्रीय खनिज प्रसंस्करण प्रयोगशाला द्वारा सम्मिलित रूप से 11 मार्च को एक पूर्ण दिवसीय हिंदी कार्यशाला का आयोजन किया गया. कार्यशाला का उद्घाटन खान नियंत्रक श्री जे.आर. चौधरी के करकमलों से हुआ. इस अवसर पर अधीक्षण अधिकारी (अ.प्र.) एवं कार्यालय अध्यक्ष डॉ. वी.ए.जे. अरुणा तथा अधीक्षण खनन भूविज्ञानी एवं हिंदी संपर्क अधिकारी डॉ. ए.एन. मूर्ति उपस्थित थे. श्री चौधरी ने अपने संबोधन में कहा कि भारत जैसे देश में सामाजिक सौहार्दता तभी संभव है जब हम राजभाषा हिंदी का सम्मान करें. हिंदी राष्ट्रीय अस्मिता एवं अखंडता की प्रतीक है. कार्यशाला में हिंदी संपर्क अधिकारी ने हिंदी के प्रयोग को बढ़ाने हेतु सरल दैनंदिनी वाक्य संरचनाओं का अभ्यास कराया. सहायक खनन अभियंता श्री अश्वनी कुमार ने सरल हिंदी भाषा में खनन क्षेत्र में आए आमूल परिवर्तनों एवं चुनौतियों के बारे में बताया कि किस प्रकार संपोषित विकास के लिए खनन कार्यों का मान विश्वस्तरीय हो. श्री चौधरी ने अपने व्याख्यान में भारत की राजभाषा के रूप में हिंदी, हिंदी को राजभाषा स्वीकार किए जाने का औचित्य समझाया. कार्यशाला में हिंदी अनुवादक श्री आशीष घोषाल ने सरल कार्यालयीन हिंदी लिखने का अभ्यास कराया. हिंदी शिक्षण योजना के हिंदी प्राध्यापक श्रीमती जे.सी.फर्नांडेज ने हिंदी को व्यावसायिक भाषा के तौर पर देखने तथा उसके कार्यालयीन प्रयोग पर भाष्य किया. कार्यशाला में तीन अधिकारी एवं चार कर्मचारियों को प्रशिक्षित किया गया. हिंदी संपर्क अधिकारी के धन्यवाद ज्ञापन के साथ कार्यशाला का समापन हुआ.

पृष्ठ 16 पर

शिवाजी जयंती



श्री छत्रपती शिवाजी महाराज जयंती उत्सव समिती की ओर से भारतीय खान ब्यूरो मुख्यालय में 19 फरवरी 2019 को छत्रपती शिवाजी महाराज की जयंती हर्षोल्लास के साथ मनाई गई. इस अवसर पर मुख्य अतिथि के तौर पर पंजाब कृषि विद्यापीठ, अकोला के पूर्व उपकुलपति डॉ. शरद निंबाळकर उपस्थित थे. कार्यक्रम की अध्यक्षता खनन एवं खनिज सांख्यिकी प्रभाग के उपमहानिदेशक श्री के.थॉमस ने की. मंच पर समिति के अध्यक्ष श्री पराग ताडलिंबेकर, सचिव एवं सहा.पु.सु.अधिकारी श्रीमती धनश्री वैरागरे उपस्थित थीं. कार्यक्रम का शुभारंभ स्वरांगन समूह के स्वागत गीत के साथ हुआ. पश्चात मंचासीन के हस्ते छत्रपति श्री शिवाजी महाराज के तैलचित्र पर पुष्पार्पण एवं दीप प्रज्ज्वलन किया गया. अपने वक्तव्य में डॉ.निंबाळकर ने शिवाजी महाराज के जीवन मूल्यों पर प्रकाश डाला. मुख्य अतिथि का परिचय सुश्री प्रतिभा शर्मा ने दिया. कार्यक्रम का कुशल संचालन श्री निलेश महात्मे ने तथा आभार प्रदर्शन श्रीमती दिप्ती चौरासिया ने किया.

गुवाहाटी में स्पोर्ट्स-मीट का आयोजन

भारतीय खान ब्यूरो के रिक्रिएशन क्लब द्वारा प्रतिवर्ष अखिल भारतीय स्पोर्ट्स मीट का आयोजन किया जाता है. इस वर्ष 27 वें अखिल भारतीय स्पोर्ट्स-मीट का आयोजन 5 फरवरी से 7 फरवरी के दौरान भारतीय खेल प्राधिकरण, पल्टन बाजार, गुवाहाटी में किया गया था. इस वर्ष खेल-कूद प्रतियोगिता की मेजबानी भारतीय खान ब्यूरो के गुवाहाटी क्षेत्रीय कार्यालय ने की. खान नियंत्रक (पूर्व अंचल) श्री पंकज कुलश्रेष्ठ ने कार्यक्रम का उद्घाटन किया. खेल-कूद प्रतियोगिता में भारतीय खान ब्यूरो के विभिन्न कार्यालय के 170 कर्मचारियों ने हिस्सा लिया.

कार्यक्रम के आरंभ में गुवाहाटी के क्षेत्रीय खान नियंत्रक श्री पी.के.भट्टाचार्य ने सभी प्रतियोगियों का स्वागत कर खेल-कूद में पूरे जोश के साथ भाग लेने की अपील की. तत्पश्चात उत्तर पूर्व के सांस्कृतिक कार्यक्रम की प्रस्तुति हुई. स्पोर्ट्स मीट के दौरान दौड़, लम्बी-कूद, वॉली-बॉल, शॉट-पुट, जावेल्लिन-थ्रो आदि प्रतियोगिताएं हुई. समापन समारोह का आयोजन 7 फरवरी को किया गया था. मुख्य अतिथि के तौर पर मुख्य खान नियंत्रक (प्रभारी) श्री मंटू बिस्वास आमंत्रित थे. विजेता प्रतिभागियों को मुख्य अतिथि के हस्ते पुरस्कृत किया गया. तीन दिवसीय खेल प्रतियोगिता में नागपुर की टीम विजयी रही तथा अजमेर टीम ने द्वितीय स्थान अर्जित किया.

विभागीय राजभाषा समिति की 109वीं बैठक का आयोजन

विभागीय राजभाषा कार्यान्वयन समिति, भारतीय खान ब्यूरो (मुख्यालय), नागपुर की 109 वीं बैठक श्री मंटू विश्वास, मुख्य खान नियंत्रक (प्रभारी) की अध्यक्षता में महानियंत्रक महोदय के सभाकक्ष में 29 मार्च 2019 को आयोजित की गई. अध्यक्ष एवं अन्य सदस्यों के स्वागत के पश्चात अध्यक्ष महोदय की अनुमति से डॉ. पी. के. जैन, मुख्य खनिज अर्थशास्त्री एवं राजभाषा अधिकारी ने बैठक की कार्यवाही प्रारंभ की. कार्य सूची के अनुसार बैठक में पिछली बैठक (108 वीं) के कार्यवृत्त पर की गई अनुवर्ती कार्रवाई एवं कार्यवृत्त की पुष्टि की गई. इसके पश्चात अक्टूबर – दिसंबर, 2018 अवधि की मुख्यालय एवं अधिनस्थ कार्यालयों की तिमाही रिपोर्ट की समीक्षा की गई. खान मंत्रालय द्वारा निरीक्षण के आलोक में गुवाहाटी क्षेत्रीय कार्यालय को राजभाषा नियम 10(4) के तहत अधिसूचित कराना, संसदीय राजभाषा

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अजमेर क्षेत्रीय कार्यालय – क्षेत्रीय कार्यालय तथा क्षेत्रीय खनिज प्रसंस्करण प्रयोगशाला द्वारा संयुक्त रूप से 26 एवं 27 मार्च 2019 को दो अर्ध दिवसीय हिंदी कार्यशाला का आयोजन किया गया. कार्यशाला का शुभारंभ क्षेत्रीय खान नियंत्रक श्री बी एल कोटडीवाला की अध्यक्षता में किया गया. मुख्य अतिथि नगर राजभाषा कार्यान्वयन समिति, मंडल कार्यालय, उत्तर पश्चिम रेलवे की सचिव एवं राजभाषा अधिकारी श्रीमती रुक्मणी टेकवानी तथा विशिष्ट अतिथि के तौर पर अधीक्षण अधिकारी (अ.प्र.) श्री बसवराज करडकल उपस्थित थे.

प्रथम सत्र में श्रीमती टेकवानी ने राजभाषा नीति, राजभाषा अधिनियम, राजभाषा नियम तथा पारिभाषिक मानक शब्दावली, हिंदी अंग्रेजी वाक्य रचना विषयों पर 2 सारगर्भित व्याख्यान दिए. द्वितीय सत्र में 2 व्याख्यान का आयोजन किया गया. प्रथम व्याख्यान वरिष्ठ खनन भूविज्ञानी डॉ.ए.जेड.खान ने टिप्पण लेखन/प्रारूपण पर पावर प्रजेन्टेशन के जरिए दिया. दूसरा व्याख्यान सहायक प्रशासनिक अधिकारी श्री ओ.पी.जांगिड़ ने प्रशासकीय मामलों का पत्राचार/हिंदी में टिप्पणी एवं प्रारूपण तथा पत्राचार के प्रकारों पर दिया.

समिति को हैदराबाद क्षेत्रीय कार्यालय के निरीक्षण के दौरान दिए गए आश्वासन अनुसार में भारतीय खान ब्यूरो मुख्यालय नागपुर द्वारा हैदराबाद क्षेत्रीय कार्यालय के साथ हिंदी पत्राचार बढ़ाना, खान नियंत्रक (मध्य), भारतीय खान ब्यूरो, नागपुर क्षेत्रीय कार्यालय एवं सामान्य अनुभाग के कंप्यूटरों में यूनिकोड स्थापित कराना, प्रत्येक तिमाही की हिंदी तिमाही रिपोर्ट माह के 5 तारीख तक भारतीय खान ब्यूरो, हिंदी अनुभाग मुख्यालय को भेजना सुनिश्चित कराना, गृह – पत्रिका 'खान भारती' के 2019 के प्रथम अंक (5वां) के प्रकाशन हेतु समयबद्ध कार्य योजना आदि महत्वपूर्ण विषयों पर विस्तृत चर्चा की गई.

अंत में अध्यक्ष महोदय एवं सभी सदस्यों का आभार श्री अभिनय कुमार शर्मा, सहायक संपादक, हिंदी अनुभाग, भारतीय खान ब्यूरो, नागपुर ने व्यक्त किया.



विभागीय राजभाषा कार्यान्वयन समिति, भा.खा.ब्यूरो (मुख्यालय) की 109 वीं बैठक में उपस्थित श्री मंटू बिस्वास, मुख्य खान नियंत्रक (प्रभारी), डॉ. पी.के.जैन, मुख्य खनिज अर्थशास्त्री एवं राजभाषा अधिकारी तथा अन्य.