



# भारतीय खान ब्यूरो समाचार

## Indian Bureau of Mines News

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Dr. Anup Pujari

### CHANGE OF BATON

## Dr. Anup Pujari is Secretary (Mines)

Senior IAS officer Dr. Anup K. Pujari has taken charge as the Secretary of Ministry of Mines. A 1980 batch officer of Karnataka cadre, Dr. Pujari took charge of his new assignment on 10th March, 2014, after a four-year long stint as Director General of Foreign Trade in Ministry of Commerce.

Dr. Pujari, a post graduate and PhD holder in Economics, in Political Economics, Defence Studies and Graduate in Law has wide experience in Finance and Commerce administration in his role as DG, Foreign Trade and Joint Secretary for Department of Economic Affairs of Ministry of Finance between Sept 2006 and Sept 2010. He has also served as Principal Secretary to Information Technology department and Science and Technology department in his home cadre, Karnataka in 2006. Dr. Pujari has also served with the Election Commission of India during 1999-2000.

He has to his credit many key domestic and foreign training which include Consultancy at Harvard University, Pro-Bono teaching assignment, training from IIM Calcutta, Tata Management Training, Pune, Anna Institute of Management, Chennai, besides training at Sardar Patel Institute of Public Administration, Ahmedabad.

He is fluent in many languages like Kannada, Oriya, Bangla, Hindi and English and has a wide understanding and experience of the administration, good governance and development.

*Congratulations Sir.*

## From Controller General's Desk



During 2013-14, two more Regional offices, viz. Chennai and Ajmer got ISO certification, bringing the tally to eight ISO certified Regional offices. IBM has prepared a Vision Document "Manganese Ore – Vision 2020 & Beyond" which revisits a whole gamut of interconnected issues that exists and confronts the Indian Manganese Ore Industry in all its strata from Mines to Metals. Training Policy of IBM has been finalised by duly considering the requirement in the mining sector.

IBM has prepared draft standard templates for Implementation of SDF in mining sector. Draft IBM Manual on Appraisal of Mining Plan 2013 has been prepared after detailed deliberations in the stakeholder meetings and workshops and the same has been uploaded on the website for comments.

IBM has introduced an internal audit system by Zonal heads of MCCM Division for the inspections under MCDR 1988 carried out by the Regional offices and during the year Zonal heads covered 125 inspections under this system. In a proactive role for checking irregular & illegal mining, during 2013-14, IBM formed Task Force III which inspected total 204 mines in endemic areas in seven mineral-rich states and suspended 29 mines. National Conference on UNFC 2009 was organised by Ministry of Mines through IBM at New Delhi in October, 2013 jointly with FIMI for shifting to implementation of UNFC 2009. Parliamentary Consultative Committee of the Ministry of Mines reviewed the performance of IBM in its meeting on 27th November, 2013.

IBM is optimistic about implementation of the recommendations of the Committee for Review and Restructuring of the Functions & Role of IBM and implementation of ambitious Project on Mining Tenement System. On the Industry front, though sluggishness in the economy continues, there are some signs of initiation of revival. The high inflationary pressure and high interest rates have affected all the economic sectors of the country, including the mining sector. The index of mineral production (base 2004-05) for the period of October 2013–March 2014 of the financial year 2013-14 is estimated to be 131.6 as compared to 130.5 for the corresponding period of previous year registering an increase of 0.8 percent.

The minerals under MCDR 1988 reported positive growth of 14.3% during October, 2013 – March 2014 of the financial year 2013-14 as compared to that in the same period of previous year owing to increase in production of iron ore, chromite, gold, kaolin and magnesite. The increase is mainly in respect of Iron Ore (21.3%), Bauxite (31.8%), Chromite (39.2%), Manganese Ore (13.8%), Gold (5.0%), Kaolin (72.2%) and Dolomite (14.07%). The incline in production is mainly due to resumption of mining activities in Karnataka. With ultimate aim of Sustainable Development of the Mining Sector, IBM is participating in the process of regulation by maintaining a fine balance between mineral production and development. Revival of mining industry from the slowdown is the immediate challenge. It will be endeavour of IBM to have proactive approach to energize Indian Mining Sector.

K. Thomas

Controller General In-charge  
IBM



K. Thomas

## APPOINTMENT

# K. Thomas is Controller General In-charge

Shri Thomas is an Indian Statistical Service (ISS) cadre officer of 1985 batch. He has served in various capacities under Ministry of Statistics and Programme Implementation and has been associated with large scale sample surveys.

Shri K. Thomas, Deputy Director General (Statistics), IBM has taken over the additional charge of the post of the Controller General, IBM with effect from 1st Feb, 2014, as per the Ministry of Mines' letter No. 26/282013-M III, dated 24 Jan, 2014.

Shri Thomas is an Indian Statistical Service (ISS) cadre officer of 1985 batch. He has served in various capacities under Ministry of Statistics and Programme Implementation and has been associated with large scale sample surveys. He joined IBM as Deputy Director General (Statistics) in 2010 and since then is heading Mines and Minerals Statistics Division of IBM.

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Shri Bhagavan Gumma (second from left), Senior Mining Geologist, IBM along with other delegates at the Ninth International Heavy Minerals Conference 2013 – Overcoming New Challenges held at Vishakhapatnam. The conference was jointly organised by MEAI and Southern African Institute of Mining and Metallurgy.

## DELIBERATION

# Heavy Minerals meet stresses for research and development

Dr. V.G.K. Bhagavan Gumma, Senior Mining Geologist represented Indian Bureau of Mines at the Ninth International Heavy Minerals Conference 2013 – Overcoming New Challenges, organised by Mining Engineers' Association of India (MEAI) in collaboration with Southern African Institute of Mining and Metallurgy held at Vishakhapatnam during 27-29 Nov, 2013.

He presented a technical paper titled, "Fly Ash – An Alternate Source for Heavy Minerals with special reference to Sillimanite and Zircon". The characterisation of Fly Ash gave a wealth of information on Zircon, Sillimanite and other

heavy minerals like thorium in both Talcher and Singareni coals, he said while presenting the paper. Earlier, Smt. Galla Aruna Kumari, Hon'ble Minister of Mines & Geology inaugurated the conference. While, Shri Sabyasachi Ghosh, Principal Secretary, Industries, Commerce and Mines, AP and B.R.V. Susheel Kumar, Director, Mines & Geology, AP were guests of honour. More than 200 delegates from India, Australia, Canada, Africa, United States, Vietnam, China, Sri Lanka and Europe attended the conference. The important themes of the meet were Geology and Exploration, Mining, Beneficiation, Value Addition, Beach Sand Mining and others.

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Shri R.H. Khwaja, then Secretary, Mines cuts a tape to open the new office of Indian Bureau of Mines at Hyderabad. Shri K. Thomas, Controller General In-charge, Shri S.Tiu, CoM, Southern Zone and other officers of IBM are seen. (below) Shri R.H. Khwaja, then Secretary, Mines unveiling a plaque to inaugurate the new office premises of IBM in Hyderabad.



## RELOCATION

# IBM Hyderabad office shifts to new building

The new office premise is equipped with uninterrupted power back-up, optical fibre connectivity for LAN & WAN, Conference Room with over head projector and other facilities



The Regional Office of IBM, Hyderabad shifted to new office building at CGO Towers, Kavadiguda in Secunderabad. Shri R.H. Khwaja, Secretary (Mines) inaugurated the new office premises spread over an area of 5760 sq. ft at a programme on 08 Feb, 2014. Shri Sabyasachi Ghosh, Principal Secretary, Department of Industries and Commerce, Government of Andhra Pradesh, Shri S.Tiu, COM (SZ) and Shri P.N. Sharma, RCOM, Hyderabad were present during the inaugural programme. Besides, officials from IBM, Hyderabad regional office, GSI, State Directorate of Mines and Geology, Directorate General of Mines Safety, CPWD, Public Sector Undertakings and mining fraternity of the region attended. The new premise is equipped with uninterrupted power back-up, optical fibre connectivity for LAN & WAN, Conference Room with over head projector and other facilities.

## INTERACTION

# Joint Secretary visits IBM Headquarters

Shri Durga Shanker Mishra, Joint Secretary, Ministry of Mines visited the Indian Bureau of Mines (IBM) as part of his two-day tour of Nagpur during 21-22nd October, 2013. He interacted with the Divisional heads and other senior officers and stressed the need for Human Resource Development in crucial areas. During the interaction, Shri Y.G. Kale RCOM and Technical Secretary made a presentation on activities and functions of various divisions of

IBM. His talk also covered various concerns and issues related to HRD and Report of Review and Restructuring of IBM's Role and Functions.

Shri Mishra stressed upon the need for development of human resources in key areas and suggested frequent assessment of human resources need. He asked the officers to initiate process to fill the existing vacancies and explore possibilities to adopt for outsourcing/contractual basis works to meet human

resource requirements in essential areas.

Shri K. Thomas, Dy DG (Statistics), Shri Ranjan Sahai, Controller of Mines, Shri M. Sengupta, CMG, Dr. S.S. Bhake, CME, Shri M.V. Sahasrabudhe, RCOM, Shri S.K. Adhikari, Sg.MG, Shri M.S. Rao, ODO, Shri S.K. Ghosal, HOO and Dr. V.G.K. Bhagavan Gumma, SMG were present. The JS visited the Central Library and Mineral Map Cell of IBM. He also took part in the foundation day programme of MECL.

## Video-conference facility soon

The Indian Bureau of Mines has initiated the process to link all the regional and zonal offices with the headquarters in Nagpur and the Ministry in New Delhi via video conference facility. The Bureau would soon set up video conference facilities at all its offices which will facilitate fast and economical interactions amongst these offices. The National Informatics Centre would work on the installation of the system in the IBM offices connecting the facility with the Ministry in New Delhi.

## CG meets Zonal/Regional heads

Shri C.S. Gundewar then CG, IBM chaired a meeting of the zonal/regional heads of MCCM Division on 29 & 30 January, 2014 at Nagpur to review the performance of the MCCM Division. Besides, he also discussed and issued guidelines on various issues related to processing of mining plan/scheme of mining/mine closure plan, illegal mining and compliance of amended Rule 42 & Rule 45 of MCDR, 1988, data entry in the MCCM database and other technical and administrative matters.

## 8835 lessees registered under Rule 45 of MCDR

The registration under amended Rule 45 of MCDR, 1988 has achieved a good progress till March 2014. A total of 8835 lessees have registered for all the minerals out of which 4794 are working lessees. There are total 1337 lessees for all the minerals who have not registered so far, of which 958 mines have been suspended. Out of the 958 cases, 578 have been recommended to the State Governments for termination. Further follow up action is in progress for remaining defaulters.

The registration of end-users, traders, stockiest and exporters stood at 2753 units of end-users, 3698 number of traders, 1343 number of stockiest and 702 number of exporters by the end of March, 2014.



Shri K. Thomas, Controller General In-charge speaking at the Training Programme on Selection and Use of Instruments for Chemical Analysis of Rocks and Minerals organised for industry personnel at Modern Mineral Processing Laboratory and Pilot Plant, IBM, MIDC. Shri M.V. Sahasrabudhe, Controller of Mines, Shri M.S. Rao, ODO, Shri A.N. Verma, Chemist are seen.

### TRAINING

## Industry people imparted training

The participants representing various industries were apprised of the various techniques and facilities available in IBM. Senior officers of IBM delivered lectures on the occasion

The Training Centre of IBM organised a two-day Training Programme for industry personnel on "Selection and Use of Instruments for Chemical Analysis of Rocks and Minerals" at Modern Mineral Processing Laboratory and Pilot Plant, IBM, MIDC between 4-5th March, 2014.

Shri K. Thomas, Controller General In-charge, IBM inaugurated the programme in the presence of Shri M.V. Sahasrabudhe, Controller of Mines. The participants representing various industries were apprised of the various techniques and facilities available in IBM. Senior officers of IBM delivered lectures on the occasion. Shri M.S. Rao, ODO and In-charge delivered a talk on "Facilities and capabilities of IBM in the field of Mineral Beneficiation", Shri M.A.K. Naidu, Sr. Chemist presented a paper on "Principle and applications of XRF in chemical

analysis of rocks and minerals. Also, Dr. (Mrs) J.J. Srivastava, Chemist, Dr. A. N. Verma, Chemist, Shri B.S. Moroney (Retd.), Suptdg. Chemist, Smt S.Y. Shami, Chemist also delivered expert lectures. The participants also visited the laboratory and live demonstration on mineralogy was given and apprised about the facilities like XRF Instrument, Ore Dressing Laboratory and Pilot Plant, AAS Laboratory, Environment and ICPA Laboratory.

Shri M.V. Sahasrabudhe, Controller of Mines attended the valedictory function held on 5th March, 2014. Shri M.S. Rao delivered the presidential address. The participants expressed their views and rated the programme very beneficial. A.N. Verma, Chemist and Course Director presented an Evaluation Report collected from 34 participants. The participants appreciated the deliberations.

The Training Centre of IBM continued its endeavour of capacity building of its personnel through various training programmes. A workshop-cum-training programme on Office Procedure, Accountancy DGS & DRC Financial Rules and Pension Papers was conducted during 25-27 Feb, 2014 at Nagpur. About 44 personnel from IBM participated.

A Workshop-cum-Training programme on Environmental Impact Assessment (EIA), Reclamation & Rehabilitation was arranged on 24-26 March, 2014 at Nagpur for the

industry, NER and IBM personnel. A total of seven personnel participated in the training. The Training Centre conducted a Refresher Course on UNFC on 20-21 Nov, 2013 at Bengaluru in which a total of 44 industry personnel participated. A Refresher Course on Administration and Purchase Procedure was held during 07-08 Jan, 2014 in which 39 personnel from IBM participated. It also conducted a Refresher Course on MMDR Act, MCDR & MCR on 23-24 October, 2013 at Ajmer in which total 29 personnel from IBM participated.





Shri R. Sridharan (centre), Additional Secretary, Mines with Mr. Tom Laughren (second from right), Mayor of Timmins during the P-DAC conference held at Canada. Shri D.S. Mishra (right), Joint Secretary, Mines, Shri Ram Mohan, RCOM, Bengaluru, Shri Akhilesh Mishra, Consul General of India in Canada are seen. As a member of the Indian delegation led by Shri R. Sridharan, Additional Secretary (Mines), Shri B. Ram Mohan, RCOM attended PDAC 2014 Convention & Trade Show at Toronto, Canada as well as attended Joint Working Group Meeting of India and Ontario Province of Canada during 02 March to 08 March, 2014. The delegation also visited a gold mine and Geosciences Laboratory at Ontario, Canada during the Canada tour.

#### PhD AWARD

## Academic excellence



Shri Y.G. Kale

**S**hri Y.G. Kale, Regional Controller of Mines, IBM, Nagpur has been declared eligible for the award of degree of Doctor of Philosophy by the Visvesvaraya National Institute of Technology, Nagpur (VNIT-deemed University) in Mining Engineering. The title of his research work was "Development of an Environmental Audit System for Opencast Mines". He carried out his research work under the guidance of Dr R.R. Yerpude, Associate Professor, Department of Mining Engineering, VNIT, Nagpur. He gives credit for his success to his guide, family members and colleagues.

#### KEEPING VIGIL

## Task Force III against illegal mining

**A**s per the directions of the Ministry, the Indian Bureau of Mines has constituted Task Force-III to monitor and act against illegal mining for the States of Gujarat, Madhya Pradesh and Tamil Nadu in phase-I. The phase I inspections were to be completed during the period from Sept 2013 – 19 October 2013. Consequent to the formation of Task Force III, a total of 204 mines have been inspected out of which 29 mines have been suspended and in case of 02 mines the suspension have been revoked.

The IBM had constituted the Task Force I in accordance with the direction issued by the Ministry of Mines on 10 Dec, 2009. The Task Force I constituted during the year 2009-10 to check illegal mining in respect of endemic areas falling in the states of Andhra Pradesh, Jharkhand, Karnataka & Odisha for iron & manganese ores and Gujarat for bauxite.

The Task Force II was constituted during the programme year 2010-11 and 2011-12. The Task Force I inspected total 106 mines and suspended 64 mines under rule 13 (2) of MCDR, 1988. The Task Force II inspected 348 mines in

*Consequent to the formation of Task Force III, a total of 204 mines have been inspected out of which 29 mines have been suspended and in case of 02 mines the suspension have been revoked.*

the States of Andhra Pradesh, Chhattisgarh, Goa, Jharkhand, Karnataka, Madhya Pradesh, Maharashtra & Odisha in Phase I to Phase V and suspended 97 mines.

Shri Naresh Kumar, Joint Secretary (Mines) who held a review meeting at Nagpur on 16 & 17 April, 2013 opined that 15% inspections from the Annual Target for the year 2013-14 should be planned as Task Force inspections for better monitoring against illegal mining. The meeting also discussed the working of Task Force I and Task Force II.





Shri K. Thomas, Controller General In-charge, IBM, Nagpur looks at the panel exhibition organised as part of the MEMC Week celebration held at Malkhed, Gulbarga, Shri S.K. Gupta, Unit Head-Rajashree Cement, Shri S. Tiu, COM (SZ), IBM, Bengaluru, Shri B. Rammohan, RCOM, IBM, Bengaluru are seen. (right) Shri B. Rammohan, RCOM, IBM, Bengaluru lighting the lamp at the MEMC week celebration held at Thiruvananthapuram, Kerala in Feb, 2014. Shri S. Tiu, COM (SZ), Bengaluru, Shri Radhakrishnan, Dy DMG, Kerala and Dr. Venkateshpadmanabhan, MD, English Indian Clays Ltd (EICL) are seen.



## MINERAL CONSERVATION

# MEMC Week celebrated in IBM offices

In continuation of the initiative to promote awareness among the mine owners towards the need for conservation of minerals and preservation of environment in mining areas, IBM organised the Mines Environment and Mineral Conservation (MEMC) Week at important mining centres, through its regional offices. During 2013-14, MEMC week were observed under the aegis of Bengaluru Regional Office from 27 Jan, 2014 to 01 Feb 2014 under Phase I and between 17 Feb 2014 and 22.02.2014 under Phase II, Guwahati Sub-Regional Office from 24 March, 2014 to 30 March, 2014. Till March 2014, 13 MEMC weeks were observed under the aegis of various regional offices in Ranchi, Bengaluru, Hyderabad,

Chennai, Kolkata, Jabalpur, Udaipur, Dehradun, Ajmer and Bhubaneswar during various periods as mentioned below: Nagpur Regional Office from 11.11.2013 to 24.11.2013; Hyderabad Regional Office from 16.12.2013 to 22.12.2013; Ajmer Regional Office from 03.01.2014 to 09.01.2014; Dehradun Regional Office and Ranchi Regional Office from 13.01.2014 to 19.01.2014; Chennai Regional Offices in two phases from 03.02.2014 to 09.02.2014 and from 17.02.2014 to 23.02.2014; Kolkata Regional Office from 03.02.2014 to 09.02.2014; Jabalpur Regional Office from 09.02.2014 to 15.02.2014; Udaipur Regional Office from 10.02.2014 to 16.02.2014; Bhubaneswar Regional Office from 24.02.2014 to 01.03.2014.

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Dr. Y.G. Kale, RCOM presenting a technical paper at the 5th Asian Mining Congress held at Kolkata.

## ADVISORY

# IBM officials attend 5<sup>th</sup> Asian Mining Congress

A delegation of officers from Indian Bureau of Mines attended the 5th Asian Mining Congress, organised by the Mining, Geological & Metallurgical Institute of India (MGMI) at Kolkata during 13-15th February, 2014. Shri A.B. Panigrahi, RCOM, Kolkata, Dr. Y.G. Kale, RCOM and Shri S.K. Adhikari, Suptd. Mining Geologist, IBM Nagpur attended the Asian Mining Congress meeting.

Shri Prakash Jaiswal, then Hon'ble Minister of Coal inaugurated the three-day event. In his address, the Minister briefed about the Indian Mineral Scenario and said coal was high in demand for the energy sector and stressed on the eco-friendly coal mining. "Presently, the coal production is at 600 million tonnes and is expected to rise up to 1000 million tonnes by 2020. There is immense potential for the investment in the coal sector in the country," he remarked.

During the first technical session, Dr. Y.G. Kale presented a paper on "Present Scenario of Mining Industry in India with special reference to non-coal minerals and future prospect for growth," jointly authored by himself and Shri Gundewar (Retd.), Contoller General, IBM. The paper highlighted the resources position, contribution of mining sector to the GDP, initiatives taken by the Government in non-coal mineral sector for its sustained growth. The paper drew appreciation by the delegates.

The Asian Mining Congress and Mining

*The Asian Mining Congress and Mining Exhibition is a biennial event organised by the MGMI provides a forum for the mine owners, planners and policy makers to discuss the various issues affecting the Mineral Industry in the Asian Region in particular and also in the rest of the world.*

Exhibition is a biennial event organised by the MGMI provides a forum for the mine owners, planners and policy makers to discuss the various issues affecting the Mineral Industry in the Asian Region in particular and also in the rest of the world. The theme of the 5th Asian Mining Congress was "Scenario of the Mining in Asia and Investment Opportunities. The event was supported by the Ministry of Coal and by Coal India Limited.

## Symposiums

- Shri R.K. Sinha, COM attended (i) Seminar organised by the National Institute of Rock Mechanics (NIRM) on 'Innovative Practices in Rock Mechanics' during 06-07 Feb, 2014 at Bengaluru and (ii) International Workshop on the 'Best Practices for Mainstreaming Biodiversity Conservation in Mining Sector' during 19-20 March, 2014 at New Delhi organised by the International Unit for Conservation of Nature (IUCN).

- Shri Dayanand Upadhyay, ACOM attended National Conference on 'Advances in Explosive & Propellants' organised by Visvesvaraya National Institute of Technology at Nagpur on 22 March, 2014.

- S/Shri Kewal Kishan, SMG and Ashish Mishra, ACOM attended State level Workshop on 'Water Conservation in Hard Rock Areas' organised by Central Ground Water Board on 04 March, 2014 at Nagpur.

- S/Shri Manish Mendiratta, DCOM, V.K. Misar, SMG, Khalilullah, SMG, Dr. Omkesh Murthy, SMG and Rajiv Ranjan, ACOM participated in the 'Symposium of Mining' organised by Geospatial Media Communications Pvt. Ltd during 05-07 February, 2014 at Hyderabad.

- Shri B. Ram Mohan, RCOM participated in the Conference on 'Mining in Karnataka' organised by the Associated Chambers of Commerce & Industry of India (ASSOCHAM) at Bengaluru on 22 Jan, 2014. He presented a paper on Mines & Minerals (Development & Regulation) Bill 2011.

- S/Shri P.N. Sharma, RCOM, Rajanish Purohit, RCOM, Panjaj Kulshreshta and Y.G. Kale, RCOM attended 11th International Conference on Advanced Technology in "Exploration & Exploitation of Minerals", organised by the Mining Engineers' Association of India at Jodhpur on 10-11 Jan, 2014.

- Shri P.N. Sharma, RCOM attended Workshop on "Mine Cost Estimation" organised by the Earth Resource Technology Consultant at Jodhpur on 12 Jan, 2014.

- Dr. P.K. Jain, Sg.MG attended an International Conference on 'Innovative Surface & Underground Mining Technology for Performance Enhancement' organised by the Journal of Mines, Metals & Fuels at Kolkata on 16-18 January, 2014 and presented a paper titled, "Mineral Exploration: Present Status and Future Outlook in India".

- Dr. V.G.K. Bhagawan Gumma, SMG attended a Workshop on 'Mining Reclamation in Maharashtra' organised by National Afforestation & Eco-Development Board at Nagpur on 07-08 Jan, 2014 and presented a

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Shri G.P. Kundargi, CMD, Manganese Ore India Limited (MOIL) speaking at the Khanij Diwas celebration organised at the IBM Headquarters in Nagpur on 1st March, 2014. Shri K. Thomas, Controller General In-charge, IBM, Shri Sengupta, then CMG, Shri C.S. Gundewar, former CG, Shri Ivan Khess, CoM are seen. (right) Shri Munna Tandi, Director, Mines Safety, Goa Region speaking at the Khanij Diwas celebrations at Goa Regional office of IBM. Shri G.K. Jangid, DCOM and Officer In-charge, B.A. Patil, AMG, Shri Glenn Kalvampara are seen.



## FOUNDATION DAY

# Khanij Diwas celebration enters third year

As part of its 67th annual foundation day event, Indian Bureau of Mines (IBM) celebrated the 'Khanij Diwas' on 1st March, 2014. The IBM headquarters at Nagpur hosted the main function, while all the regional/zonal offices also observed the foundation day holding Khanij Diwas programme on its premises.

At headquarters, Shri G.P. Kundargi, Chairman and Managing Director of MOIL was the chief guest of the programme. In his inaugural address, he appreciated the role of IBM and expressed need for furthering IBM's role in maintaining the crucial balance between mineral development and environmental protection. The various stages of mining operations have to be integrated with the sustainable development concept to help

mineral industry grow, he stated and added that IBM's ambitious project, Mining Tenement System would trigger growth of mining sector.

He opined that there should be a thrust on the exploration of minerals, particularly manganese ore, iron ore and bauxite considering the demand and consumption in steel and aluminum industry. "Slow exploration activities have become a major bottleneck. There needs to be a commitment for exploration by earmarking adequate funds for the same," Shri Kundargi said.

K. Thomas, Controller General In-charge emphasised the requirement of being self motivated in discharging duties in an effective manner. On the occasion, Shri C.S. Gundewar, ex-Controller General, who attended the function as guest of honour highlighted the role of IBM in country's mineral exploration and

development. IBM has emerged into a premier national organisation, Shri Gundewar added. Though 1st March being Saturday (closed holiday), the function was well attended by the officers, staff and retired officers of IBM.

Khanij Diwas is celebrated to mark the establishment of Indian Bureau of Mines on 1st March, 1948. The precedent to observe the Foundation Day as Khanij Diwas began in 2012. Shri M. Sengupta, Chief Mining Geologist, IBM, Shri Abhay Agarwal, Technical Secretary and other senior officers of IBM were present.

## Goa

To mark the Khanij Diwas, the Goa office of IBM arranged a special lecture series programme. Shri Munna Tandi, Director, Mines Safety, Goa



Region inaugurated the event, which was attended by officers and staff of IBM, senior executives from mining industry and RQP's.

Shri Glenn Kalvampara from Goa Mineral Ore Exporters Association delivered a lecture on Sustainable Development. His brief overview on the crucial subject was followed by a talk on Exploration of Mineral Resources in the deep sea regions with reference to mining of Polymetallic nodules deposited at the sea basin in the Indian Ocean. Dr. Shyam Prasad, Chief Scientist of National Institute of Oceanography delivered the lecture on deep sea mining.

He explained about offshore mining, exploration of hydrothermal deposits, rich in Nickel and Cobalt. India was left with 75,000 Sq. Km of nodule rich area in the Central Indian Ocean basin. An area of 17,500 Sq. Km had been earmarked for detailed investigation, he informed. S/Shri G.K. Jangid, DCOM & Officer In-charge, B. A Patil, AMG, G. Ram ACOM were present.



Shri A.K. Saxena (second from right), Chairman, State Expert Appraisal Committee, Jharkand at the Khanij Diwas celebrations held at IBM Ranchi office. Shri Sona Ram Kusku, Deputy Director General, GSI, Shri R. Purohit, RCOM, IBM Ranchi are seen.

## Ranchi

The Ranchi Regional Office was decked up with flowers and balloons for Khanij Diwas programme. Shri Sona Ram Kusku, Deputy Director General, GSI, Shri A.K. Saxena, Chairman, State Expert Appraisal Committee, Jharkand, Shri B.K. Jha, Vice-president, Hindalco, Dr. Bal Bandhu, In-charge, department of Geology of Hindalco were the chief guests.

A day-long workshop was organised on the occasion which deliberated on the various aspects of mining. Dr. Bal Bandhu delivered a talk on reclamation & rehabilitation practice in mines of Hindalco group. Shri Rajesh Kumar, Geologist and Mohammed Kasim Junior Surveyor, IBM gave a presentation of application command of Autocad software and applicability of CAD software, respectively. Shri R. Purohit, RCOM, IBM Nagpur gave a presentation on the process mining specific to underground mines.

Shri Sona Ram Kusku summed up the technical session and delivered a brief valedictory speech. Shri R. Singh, AMG, Shri Bikram Kumar Singh, Draftsman compered the programme. All officers and staff were present.



Dilip Kumar Saxena, Director of DGMS, Rajasthan lighting the lamp to inaugurate the Khanij Diwas celebration at IBM Ajmer office. Shri Pankaj Kulshrestha, RCOM and others are seen.

## Ajmer

In Ajmer IBM office, Shri Dilip Kumar Saxena, Director of DGMS, Rajasthan attended the Khanij Diwas celebration as chief guest. The day marked with a technical session in which Shri K.S. Yadav, DCOM made a presentation and Shri J. Vijay Kumar, DODO delivered a technical lecture. The retired IBM officers shared their views and experiences.

On the occasion, Shri Pankaj Kulshrestha, RCOM also spoke. Shri B.L. Gurjar, Sr. ACOM, Shri A.N. Murthy, RMG, Shri V.B. Baj, AMG were present.

## Jabalpur

The Jabalpur Regional office of IBM also celebrated the Khanij Diwas during which Shri S.R. Roy Regional Controller of Mines inaugurated the event lighting the lamp. In his speech, Shri Roy reflected on the early days of the Bureau and the important role the IBM played in mining regulation.

On the occasion, Dr. V.K. Khanna, earth scientist and retired professor of Rani Durgavati University delivered a lecture on "Control of Mineralisation of Iron Ore and Re-nomenclature of Mahakoshal Group of Rocks in and around Jabalpur. He also explained the practical use of Mining Plan in systematic and scientific mining. Shri Harkesh Meena, DCOM also shared his views at the event.

A Yoga camp, blood sugar check up camp and a health talk was also organised on the next working day as part of the Khanij Diwas celebrations. Dr. Goutham conducted the health talk.



Shri Ashok Kumar (right), retired Controller of Mines at the Khanij Diwas celebrations held at IBM Dehradun office. D.R. Gurjar, ACOM and others are seen.

## Dehradun

The Dehradun office of IBM also decked up for the Khanij Diwas on 1st March, 2014 amid the presence of officers and staff members, retired officers of Bureau and mine owners and RQP's.

Shri Ashok Kumar, retired Controller of Mines was the chief guest of the day and inaugurated the foundation day programme. He shared his experiences and threw light upon how the mineral conservation and eco-friendly excavation was the need of the hour. In his address, Shri D.R. Gurjar, ACOM briefed about the importance of the various divisions of IBM. He appealed the mine owners to be a responsible miners and exploit the treasured resources of region in an environment friendly way and asked the RQPs to be vigilant while preparing the mine plans and scheme of mining. Shri Saklani, AMG, Shri A.K. Vig, AMG and other officers and staff of IBM were present.

## Bengaluru

IBM Foundation Day was celebrated as Khanij Diwas on 1st March, 2013 at RODL, IBM, Bengaluru. A health camp was arranged by the People Tree Hospital for the retired and present employees of IBM. Nutritionist from People Tree, Bengaluru delivered a talk on Health. Quiz and cultural competitions were conducted and prizes distributed to winners.

The concluding ceremony was marked with a technical session. V.M. Prabhu Shettar (Retd.) COM-South Zone delivered a lecture on Journey and contributions of IBM in mining industry since its establishment. Shri N.P. Haran, In-charge, RODL, Bengaluru delivered a talk on Contributions of IBM in Ore Dressing and Mineral Processing, while, S/Shri S. Tiu, COM-SZ, Babu Varigonda, RCOM-SZ, Pukhraj Nenival, DCOM-Regional Office and R.N. Selvan, Supt. Mining Geologist also shared their expertise on technical and legal aspects related to mining industry.

## Chennai

The Chennai Regional Office also hosted a programme at CPWD conference hall, Rajaji Bhavan, Chennai to observe Khanij Diwas. Dr. K. Srinivas, Head of the Department of Mining Engineering, Anna University, Chennai attended the function as chief guest.

In his address, Dr. Srinivas hailed the IBM's role as the technical regulator of mining industry in the country. The IBM was established in 1948 with the sole aim to take up the challenges and help mining industry to do mining in a scientific and systematic manner, he said.

Speaking on the occasion, Shri T.K. Rath, Regional Controller of Mines said that IBM gave vital inputs and played a key role in the mineral sector in the country. The IBM foundation day

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# RQP meeting of Nagpur region held

As per the Annual Programme, 2013-14, Nagpur Regional Office organised the 22nd Meeting of the Registered Qualified Persons on 28th Feb, 2014. Shri R.K. Sinha, Controller of Mines (CZ) chaired the meeting held at the Conference hall of the IBM headquarters.

In his welcome speech, Dr. Y.G. Kale, RCOM highlighted the importance of RQP meeting and said the meet was a platform to address issues relevant to processing of statutory documents and to have a closer interaction to cope with the changing techno-legal scenario. To keep pace with the latest developments in the mining industry, mining plan guidelines are also being reviewed and for this purpose various workshops have already been organised, he informed.

He emphasised on the important circulars issued by IBM and Ministry of Mines on which IBM is monitoring adherence by the mining fraternity for sustainable development of the resources.

On the occasion, Shri R.K. Sinha, COM expressed his displeasure that guidelines issued by IBM or Ministry of Mines are not followed while preparing the mining plan. It was said that even after 27 years after the introduction of the concept of the mining plan, we need to talk about the quality of documents submitted. "The Mining Plan is a techno-legal document. It is subject to scrutiny at any legal level by any court of law established under the Constitution of India," he said and added that enquiry officer



Shri R.K. Sinha (right), Controller of Mines, Central Zone and Dr. Y.G. Kale, RCOM at an interaction meeting with the RQP's organised at the IBM Headquarters in Nagpur.

from any department can ask for mining plan of the area.

Thus, he said RQPs are needed to be more vigilant in the preparation of mining plans and scheme of mining. All entries in the document should be backed with facts and figures and shall be able to substantiate at any moment. There will be no compromise with the quality of the document and improvement in the quality of statutory document was need of hour, he said.

Shri Dongre, Sr. ACOM made a presentation on "Specific Observations on Common

Deficiencies in the Mining Plan" and discussed the difficulties faced in the examination of the documents submitted to IBM. He highlighted common deficiencies in respect of Mining Plan, basic engineering details, general deficiencies observed during field inspection, feasibility assessment, calculation of financial assistance etc.

Shri R.K. Sinha, Controller of Mines delivered the valedictory remark. Dr. A.K. Ghoshal, JMG from IBM Nagpur Regional Office and S.V. Gokhale from RQP side proposed the vote of thanks.

Cont. from page 9

was observed as Khanij Diwas first in IBM headquarters in Nagpur in 2012 and subsequently all the regional offices have also started to celebrate the Khanij Diwas, he informed.

Shri Anupam Nandi, Deputy Controller of Mines, IBM delivered a talk on the history of IBM and its functions. He gave a gist of key milestones of IBM from its inception till date. He also spoke about various facets of IBM as Central Government organization for development of mineral deposits and framing regulations for development of mineral industry in the country. Earlier, Shri S. Thirnavukkarasu, JMG welcomed the guests. Smt V Gowri Assistant Administrative Officer, IBM, Chennai gave vote of thanks.

Shri K.V. Shankar, Professor, Anna University, Dr. S.S. Bhake (Retd.), Chief Mineral Economist, IBM, Shri K. Karthikeyan, Asstt. Executive Director, M/s Dalmia Cement (B) Ltd, Mr. N. Sankara Subbu, RQP & Mining Engineer and others were present.

## APPRAISAL

# Parliamentary Consultative Committee meeting on IBM held

The meeting of the Parliamentary Consultative Committee of the Ministry of Mines on 'Indian Bureau of Mines' was held under the chairmanship of Shri Dinsha Patel, then Minister of Mines on 27th Nov, 2013 at the Parliament House Annexe, New Delhi.

In his address, the Chairman briefed about the functions and activities of the IBM and praised the Bureau's role in checking illegal mining. The Chairman advised the IBM to work hard to keep in line with the global scenario and become a world class organisation.

Shri Khwaja, then Secretary (Mines) briefed the gathering about the action taken report on the minutes of the last Consultative Committee meeting. While, Shri C.G. Gundewar, then CG, IBM made a detailed presentation on Indian Bureau of Mines covering the detailed functions

under various schemes of IBM, the present organisational set up and performance of IBM on various activities during the ongoing 12th Five Year Plan. The presentation was followed by a discussion on various issues relating to the functions & activities of IBM by the members. The Hon'ble members who participated in the meeting included members of Parliament Dr. Bhushan Lal Jangde, Shri Sohan Potai, Shri Amarnath Pradhan, Shri Madhu Kora, and Deoraj Singh Patel. Besides, R. Sridharan, Additional Secretary, Shri Durga Shankar Mishra, Joint Secretary and Shri Naresh Kumar, Joint Secretary and other officers of Ministry, S/Shri K. Thomas, DDG (S), Ranjan Sahai, COM, R.K. Sinha, COM, Dr. S.S. Bhake, CME, Y.G. Kale, RCOM & TS, S.K. Adhikari, Sg.MG, D.D. Bhardwaj, ACOM and Smt V.A. Gharote, MO attended the meeting.



## Beneficiation of Copper



**A** lean copper ore sample assaying 0.38% Cu from Malanjhand Copper Project of

M/s Hindustan Copper Ltd, Dist. Balaghat, Madhya Pradesh was subjected to bench scale beneficiation studies in the Mineral Processing Laboratory & Pilot Plant, IBM, Nagpur. A simple flotation process developed comprising of rougher flotation carried out at 79.5% minus 200 mesh grind deploying xanthate and the frother supplied by the party followed by one of cleaning using sodium silicate as gangue depressant produced a cleaner copper concentrate assaying 19.06% Cu, 15.35% Al, 10.23% SiO<sub>2</sub>, 6.90% Fe<sub>2</sub>O<sub>3</sub>, 2.97% Al<sub>2</sub>O<sub>3</sub>, 29.28% S and 15.94% LOI with a copper recovery of 93.6% (wt% yield 1.87). Considering such a low tenor of the ore results obtained can be considered highly encouraging. The industrial application of the process would pave the way for the treatment of such material presently stacked at the site in huge quantity in the existing plant.

## Flow sheet for Peru Iron Ore sample

**I**ron Ore sample from Peru, South America was received at Regional Ore Dressing Laboratory, Bengaluru from M/s Upkar Mining Pvt. Ltd for investigation with an objective to develop a flow sheet by both dry and wet processing method to produce a concentrate suitable for commercial application particularly special anti corrosive paints. By subjecting the sample to dry magnetic separation at various sizes at 7000 and 9000 gauss, a combined magnetic concentration assaying 63.81% Fe (T), 6.04% SiO<sub>2</sub>, 0.58 % Al<sub>2</sub>O<sub>3</sub> with recovery of 71% (wt% yield 60.4) could be produced. By subjecting the original sample to gravity separation at - 48 mesh size, a table concentrate could be produced assaying 66.5% Fe (t), 3.2% SiO<sub>2</sub> and 0.28 % Al<sub>2</sub>O<sub>3</sub>. The weight yield in the concentrate was 58.3% and Fe (T) recovery was 65.6%. The slime was subjected to magnetic separation separately. Middling fraction after stage grinding to minus 150 mesh concentrate assaying 66.40 % Fe (T), 2.98% SiO<sub>2</sub>, 0.34% Al<sub>2</sub>O<sub>3</sub> with overall weight per cent yield of 62% and Fe (T) recovery 75.4%.

## Flow sheet to produce copper concentrate

**A** copper sample from Muradpur Copper Project, District Jhunjhunu, Rajasthan was received at Regional Ore Dressing Laboratory, Ajmer from M/s Mineral Exploration Corporation Ltd for investigation with an objective to evolve a process flow sheet to produce a copper concentrate assaying more than 18% Cu and less than 10% insoluble. The sample as received assayed 0.46% Cu, 14.95% Fe (T), 50.67% SiO<sub>2</sub>, 7.72% Al<sub>2</sub>O<sub>3</sub>, 66.45% Al, 3.34% CaO, 5.20% MgO, 0.28% P<sub>2</sub>O<sub>5</sub>, 2.33% S(T), 0.36% TiO<sub>2</sub>, 1.13% Na<sub>2</sub>O<sub>3</sub>, 1.32% K<sub>2</sub>O, 0.10% Mn, 49 ppm Zn, 191 ppm Co, 58 ppm Ni, 1.74 ppm Au, 281 ppm Bi, 87 ppm Mo and traces of Cd, Sb. By

subjecting to vigorous flotation test on the sample, it produced a copper concentrate assaying 25.54% Cu, 4.38% acid insoluble with 89.38% copper recovery (wt. % yield 1.6). The copper concentrate so obtained complies with all the specifications stipulated by the party and can be used in the smelter. A split flotation test on 87.2% - m200 mesh grind sample produced a concentrate assaying 28.14% Cu, 3.65% acid insoluble with 84.96% copper recovery (wt. % yield 1.4). Though the grade of copper concentrate is obtained very good, the recovery is slightly low. The copper concentrate meets all the specifications required for the smelter.

## Flow sheet for Pb-Zn concentrate of metallurgical grade

**L**ow grade Lead-Zinc ore sample from Gurla North Block Area, District Bhilwara, Rajasthan was received from M/s Mineral Exploration Corporation Ltd at Regional Ore Dressing Laboratory, IBM, Ajmer. The objective was to evolve a process flow sheet producing a lead-zinc concentrate of metallurgical grade with maximum recovery. The sample assayed 0.87% Pb, 1.83% Zn, 21.28% Fe (T), 44.08% SiO<sub>2</sub>, 0.025% Cu, 8.98% Al<sub>2</sub>O<sub>3</sub>, 3.09% CaO, 8.20% MgO, 3.47% S(T), 68 ppm Cd, 58 ppm Co, 654 ppm Ni and traces of Au. Sequential flotation of Lead and Zinc at 87.9% minus 200 mesh with the cleanings yielded (i) lead concentrate assaying



52.78% Pb and 2.95% Zn with (i) lead recovery of 66.8% (wt% yield 1.1) and (ii) zinc concentrate

assaying 51.21% Zn and 1.81% Pb with a zinc recovery of 80.9% (wt% yield 2.9). Both lead and zinc concentrates obtained may find utilisation in metallurgical industry and the results obtained are very encouraging.

## IBM's new fete in mineral development

**A**s part of its mandate to conserve and scientific development of country's mineral resources, the Indian Bureau of Mines has been advising the mineral industry on conservation and development. During the inspection of Naomundi Iron Ore Mine of M/s Tata Steel Ltd in Singhbhum district of Jharkhand, carried out in 2009-10 in connection with the Regional Mining Geological Study, the management was advised to carry out exploration in the abandoned area at Hill 1 & Hill 2 for providing additional resources on the basis of mode of occurrence and structural configuration of iron ore in the lease area and new threshold value of iron ore.

Accordingly, the Tata Steel incorporated the suggestions in the exploration proposal in the

Mining plan during the year 2011-12. Subsequently, exploratory drilling was carried out at Hill 1 & 2. On the basis of these new boreholes and results of chemical analysis, the lessee has estimated (i) 5.7 million tonnes of iron ore with +58% Fe and (ii) 5 million tonnes of iron ore with 45 to 58% Fe. Considering the average price of iron ore at Rs 2,500/- per tonne for Fe +58% and Rs 1500/- per tonne for Fe +45 to 58%, iron ore worth Rs 2,175/- crore was proved in the abandoned area based on the advice of IBM.

The Tata Steel vide letter NO. MD/PLG/71/426/2013, dated 08 Nov, 2013 expressed their sincere regards for the valuable suggestions of IBM.



Shri D.K. Silekar, then Mineral Economist and OIC, ME Division speaking at the farewell programme organised to Shri C.S. Gundewar on his voluntary retirement at IBM Headquarters, in Nagpur. Shri K. Thomas, Controller General In-charge, Shri Ranjan Sahai, COM, Shri R.K. Sinha, COM are seen.

## BIDDING ADIEU

# Gundewar given warm farewell

The IBM family presented a Scroll of Honour to Shri Gundewar, highlighting the achievements of IBM under his able leadership

**I**BM family bid warm farewell to Shri C.S. Gundewar, Controller General, IBM, on his voluntary retirement on 31st January, 2014, after an illustrious and expansive service span of more than 37 years. A grand farewell function was organised at IBM Headquarters on 19th February, 2014 under the chairmanship of Shri K. Thomas, Controller General In-charge, IBM. Leaders of various Unions, Committees and Divisional Heads of IBM shared the memories of their association with Shri Gundewar. Smt Gundewar was also invited as guest on this occasion.

The IBM family presented a Scroll of Honour to Shri Gundewar, highlighting the achievements of IBM under his able leadership. Some of the notable achievements during his tenure as CG, IBM include Report of the Committee for Review and Restructuring the Functions & Roles of IBM; acquisition of ISO 9001-2008 certification of six Regional Offices of the Bureau; Initiation of

Khanij Diwas to celebrate the Foundation Day of IBM on 1st March every year; effectuating implementation of Mining Tenement System; Constitution of Task Force for inspection of mines to curb & mitigate illegal mining; venture into online administration working methods by engendering the concept of e-IBM – thereby facilitating speedy, transparent and effective dispensation of IBM's regulatory, advisory and technical roles; enforcing notification of threshold values of 12 minerals and notifying mineral-bearing blocks available for the grant of Exploration Licence in the offshore waters as an Administering Authority for implementation of Offshore Areas Minerals (Development and Regulation) Act, 2002.

Shri K. Thomas, CG In-charge on behalf of IBM family presented shawl and a memento to Shri Gundewar and Smt Gundewar. Officers and staff of IBM attended the programme.

## SUPERANNUATION

# Dr. Bhake retires as Chief Mineral Economist

**F**ollowing an inspiring career of 35 years, Dr. S.S. Bhake, Chief Mineral Economist retired after superannuation from Indian Bureau of Mines on 31st Jan, 2014.

An eminent mineral economist, Dr. Bhake has put in distinguished service contributing to the growth of mineral industry in the country. He was associated with bringing out Indian Minerals Yearbook, a flagship publication of Indian Bureau of Mines, for a long time.

He has done market survey research on different minerals during his service period and

represented IBM on different Committees of Government of India, including the 12th Five Year Plan of Planning Commission of India. Dr. Bhake has performed advisory role to the Government of India on different matters related to Mineral Industry. As CME, he also headed the Publication Section and Technical Library of IBM.

Mineral Economics is an important profession unique in itself developed during the course of career/service period in Indian Bureau of Mines.

## Meetings Attended

- Shri K. Thomas, Controller General (In-charge), IBM along with Shri Ranjan Sahai, COM and Dr. (Smt.) S.M. Lal, ODO attended a meeting of Department Related Parliamentary Standing Committee on Science & Technology, Environment and Forests on 11 March, 2014 at Nagpur.
- Shri R.K. Sinha, COM attended a meeting to finalise field guidelines for UNFC on 10 & 11 Feb, 2014 at Bengaluru.
- Shri M. Sengupta, CMG attended meeting of the Standing Committee on Project Proposals for MECL on 24 Feb, 2014 at New Delhi.
- Shri Mohan Sahasrabudhe, COM attended meeting of the Inter-Ministerial Sub-Group on Bharat Gold Mines Ltd (BGML) on 01 March, 2014 at New Delhi.
- Shri M. Biswas, RCOM attended (i) meeting held under the chairmanship of Commissioner-cum-Secretary (Steel & Mines), Government of Odisha regarding sale of off grade limestone and dolomite of Biramitrapur Limestone Mine of M/s Bisra Stone Lime Co. on 24 Feb, 2014 at Bhubaneswar.
- Shri Y.G. Kale, RCOM attended meeting in connection with Cabinet Note for Restructuring and Strengthening of IBM on 05 March, 2014 at New Delhi.
- S/Sri K. Thomas, Controller General (In-charge) along with Ranjan Sahai, COM and Abhay Agrawal DCOM & TS attended RFD meeting held under the chairmanship of Additional Secretary (Mines) on 28 Feb, 2014 at New Delhi.
- Shri Ranjan Sahai, COM attended Consultative National Workshop for finalisation of Indicator Framework for issues related to Desertification, Land Degradation and Drought on 28 January, 2014 at New Delhi.
- Shri M. Sengupta, CMG attended (i) 53rd meeting of the Central Geological Board on 05 & 06 Feb, 2014 at New Delhi and (ii) Meeting to finalise field guidelines of Geology Axis for UNFC on 11 & 12 Feb, 2014 at Bengaluru.
- Shri Y.G. Kale, RCOM attended (i) meeting chaired by Joint Secretary (mines) to finalise the agenda for the bilateral meetings with Quebec, Ontario, etc provinces of Canada on 03 Feb, 2014 at New Delhi and (ii) meeting chaired by Joint Secretary (Mines) to finalise the presentations for 'India Day' and display material for India Pavilion in PDAC on 10 Feb, 2014 at New Delhi.
- Shri Junaid Farooqui, Director (Statistics) attended 5th meeting of the Working Group for Development of Methodology for compilation of All India Index of Mineral Production (IIP) on 14 Feb, 2014 at New Delhi.
- Shri V.K. Misra, SMG attended meeting regarding progress of Mining Tenement System Project in Ministry of Mines on 12 Feb, 2014 at New Delhi.
- S/Shri R.R. Dongre, Sr. ACOM and R. Majumdar, SMG attended meeting of State Level Coordination-cum-Empowered Committee meeting held under the Chief Secretary, Government of Chhattisgarh on 21 Feb, 2014 at Raipur.

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# Vigilance awareness week observed

The week-long programme marked the conduct of Essay and Debate competitions which received good response from the officers and staff

Indian Bureau of Mines observed the Vigilance Awareness Week between 28th October 2013 and 02 Nov' 2013 at its Headquarters at Nagpur. Shri C.S. Gundewar, then Controller General, IBM administered the oath to the officers and employees of IBM in Hindi and English. The pledge was followed by reading of messages of Hon'ble President of India, Hon'ble Vice President, Hon'ble Prime Minister, Hon'ble Leader of Opposition (Lok Sabha) and Central Vigilance Commission.

The week-long programme marked the conduct of Essay and Debate competitions which received good response from the officers and staff. While various edifying slogans on broad working principles and probity in public life was prominently displayed at the Headquarters. If the topic of the essay was "Use of e-governance to curb corruption in Government Office", the debate competition was held on the subject, "To strengthen Good Governance Whether the Investigating Agencies should be Independent or Not".



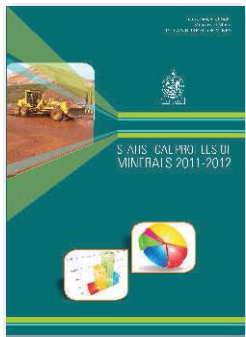
Shri C.S. Gundewar, then Controller General speaking at the Vigilance Awareness Week organised at the IBM Headquarters in Nagpur. (From Right) Shri S.K. Ghosal, Chief Administrative Officer, Dr. Y.G. Kale, RCOM, Sanjay Kumar Singh, AAO are seen.

Shri C.S. Gundewar who presided over the prize distribution programme held on 1st Nov, 2013 gave away the awards to the winners.

In his address, he emphasised the need to work in a corruption free environment and highlighted the importance of Vigilance in Management. Shri Y.G. Kale, RCOM & Technical

Secretary, IBM read out a message of Hon'ble Minister of Mines and stressed on the importance or essence of good governance. Shri S.K. Ghosal, Chief Administrative officer, IBM, Shri Sanjay Kumar Singh, Asstt. Administrative Officer were present.

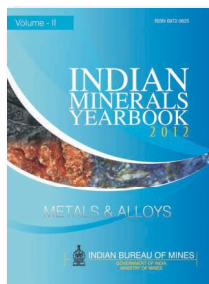
## Publication Corner



**Title:**  
Statistical Profiles of Minerals 2011-12

**Date of release:**  
01/10/2013

**Price:**  
₹ 370/-



**Title:**  
IMYB 2012  
Volume-II

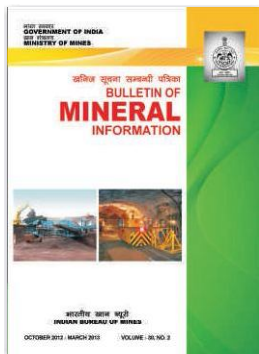
**Date of release:**  
27/11/2013

**Price:**  
₹ 5000/-  
(Including Vol. I & III)

**Title:**  
Bulletin of Mineral Information  
Vol 30 No. 2  
Oct. 2012 –  
March 2013

**Date of release:**  
07/11/2013

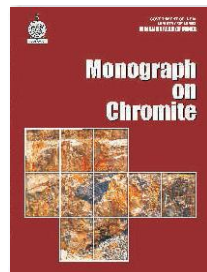
**Price:**  
₹ 460/-



**Title:**  
Monograph on Chromite

**Date of release:**  
05/12/2013

**Price:**  
₹ 630/-



**Title:**  
IMI At a Glance  
2011-12

**Date of release:**  
24/03/2014

**Price:**  
₹ 270/-



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paper on "Reclamation & Rehabilitation of Mined Out Areas—Statutes and Best Practices.

● Dr. P.K. Jain, Sg.MG attended Conference on 'Limestone & Cement Industry—Opportunity & Challenges', organised by the Federation of Indian Mineral Industries on 25-26 Nov, 2013 at Raipur and presented a paper on "An overview of Limestone & Other Calcareous Minerals".

● S/Shri M. Sengupta, CMG, M.K. Somani, SMG and A.D. Selokar, AME (I) attended International Seminar on 'Developments in Mineral Exploration Techniques – Strategy & Challenges' organised by the Society of Geoscientists & Allied Technologists at Bhubaneswar on 14-15 Dec, 2013.

● S/Shri M.G. Bhattacharya, JMG and Gaurav Sharma, AME (I) attended a summit on "Manganese/Chrome Ores Ferro Alloys" organised by the Federation of Indian Mineral Industries Ltd in association with MOIL on 16-17 Dec, 2013 at Kolkata. Shri Gaurav Sharma presented a paper on "Chromite a Strategic Mineral – Demand & Supply Scenario in Context to Indian Chromite Industry" authored by him jointly with Dr. R.N. Meshram, Consultant and Shri Prabhat Mishra, DME.

● Shri Junaid Farooqui, Director (S) attended the National Workshop on Climate Change Statistics by MOSPI during 24-25 Oct 2013 at Jadavpur University, Kolkata.



Alok Saxena, Additional Director, Indira Gandhi National Forest Academy unfurls sports flag to inaugurate the 24th All India IBM Sports Meet held at Dehradun on 11th Feb, 2014. Officers and staff of IBM are seen.

#### ANNUAL AFFAIR

## 24th All India IBM sports meet held

The 24th All India Sports Meet of Indian Bureau of Mines was held at Dehradun, Uttarakhand during 11-13 February 2014. Dr. Alok Saxena, Additional Director, Indira Gandhi National Forest Academy, Dehradun inaugurated the two-day event on 11 Feb, 2014. Shri Ranjan Sahai, Controller of Mines attended the inaugural ceremony as guest of honour.

About 160 participants from all the Zonal/Regional offices, Regional Ore Dressing Laboratories of IBM and the sports personnel from the Headquarters in Nagpur participated. The sports meet comprised of various field and track events. Volley Ball, Table Tennis, Badminton, Carrom and Chess events were also conducted. Shri Vinod Chamoli, Mayor of Dehradun graced the valedictory event and distributed the prizes to the winners.

Various title winners are: Shri Ashwini Kumar(Ajmer)- Best Sportsman, Shri S.R. Patil- Best Sportsman (Veteran), Miss Poonam Suyal (Nagpur)- Best Sportswoman, Mrs. S.S. Pawar (Nagpur)- Best Sportswoman (Veteran), Shri N.M.Bhave(Nagpur)- Best Table Tennis Player and Shri D.R.Nakashe(Nagpur)- Best Carrom Player. Volleyball championship was retained by Ajmer team and Overall Championship was awarded to Nagpur(HQ) team.

The concluding function was held on 13 February, 2014 wherein prizes were distributed to the winners and runners. Shri Vinod Chamoli, Mayor, Dehradun graced the occasion as Chief Guest.

#### BRAINSTORMING

## Conference deliberates on adopting UNFC 2009

The two-day meet aimed at deliberating on capacity building measures like globally recognised good practices for sustainable mining

The Ministry of Mines in collaboration with Ministry of Coal organised a National level Workshop on Sustainable Mining and the United Nations Framework Classification (UNFC) – Challenges and Opportunities in India on 29-30th October, 2013 at New Delhi. The event was organised in association with Federation of Indian Mineral Industries (FIMI) & United Nations Economic Commission for Europe (UNECE).

The two-day meet aimed at deliberating on capacity building measures like globally recognised good practices for sustainable mining. The issues and constraints during implementation of Sustainable Mine Plans (SMPs) were also discussed with faculties from other countries. It was decided to develop Standard SDF templates and drafted for further deliberations. India has already adopted the UNFC 1997 system of classification and further committed towards adoption of UNFC 2009. The meet also aimed at providing an opportunity to all stakeholders like Government, private sector, public sector, policy makers, academicians & financial institutions to understand the system and deliberate for its suitability and adaptability for India.

Fifteen international experts having expertise in various extractive activities and resource classification and the World Bank and about 250 delegates from central & state governments, public sector, private sector, academia and professional bodies participated in the conference.

Some key recommendations of the conference on implementation of UNFC 2009 in India are:

- Formation of a High Level Committee (HLC) comprising of all stakeholders across governance space, to assess the roles and responsibilities of key government agencies (IBM and GSI) in the mining life cycle from exploration to post-mine closure.
- The HLC shall define and agree upon milestones, deliverables and be properly resourced.
- Set up a National body to deal with all micro/macro issues on resource classification & UNFC in line with the Expert Group on Resource Classification (EGRC) of UNECE.
- Assess options for a certification processes for competent persons and institutional arrangements to reinforce the compliance process.

- Take up pilot projects and case studies with the industry to test UNFC 2009 both at deposit level and at aggregate level.
- Modify & simplify the existing field guidelines (MCDR-88) as per the definition of UNFC-2009 and its specifications.
- Introduce standard templates of reporting in line with CRIRSCO and international best practices.
- Training to trainers to understand the relationship between UNFC 1997 and UNFC 2009.
- Introduction of UNFC in the curriculum at college and university level.
- Promotion of UNFC 2009 through workshops, conferences, meetings and articles.
- Continued active participation of India within the UN Expert Group on Resource Classification, providing lessons learned here to the global community.

S/Shri C.S. Gundewar then CG, IBM, Ranjan Sahai, COM, R.K. Sinha, COM, M. Sengupta, CMG, Dr. S.S. Bhake then CME, S. Tiu, RCOM, A.B. Panigrahi, RCOM, M. Biswas, RCOM, T.K. Rath, RCOM, J.R. Chaudhary, RCOM, P.N. Sharma, RCOM, Pankaj Kulshreshta, RCOM, S.K. Adhikari, Sg. MG, R.N. Selven, Sg-MG, P.P. Chakravarty, DCOM, G.C. Meena, DCOM, Abhay Agarwal, DCOM, V.K. Misar, SMG, Parag Tadlimbkar, SMG, J.N. Patel, DME and Dr. R.N. Meshram, Consultant attended the conference.

S/Shri Y.G. Kale, and S.K. Adhikari made introductory remarks before one of the Technical Sessions on 30th Oct, 2013.

The technical papers presented during the conference from IBM included (i) Overview of Granting the Mining Tenement System in India—prepared in joint authorship of S/Shri Ranjan Sahai, V.K. Misar and A. Banerjee of M/s Ernst & Young (ii) Mapping of UNFC – 1997 to 2009: Indian Perspective” prepared in joint authorship of S/Shri Sengupta, S.K. Adhikari and Dr. V.G.K. Bhagwan Gumma, SMG, (iii) Indian National Classification System its Evolution & Mapping with UNFC-1997/2004 prepared in joint authorship of S/Shri (Dr.) S.S. Bhake, J.N. Patel and Dr. R.N. Meshram and (iv) Sustainable Development Framework for the Indian Mining Industry prepared in joint authorship of S/Shri P.N. Sharma and U.L. Gupta, JMG.





(Clockwise) The women employees of IBM at the International Women's Day celebration. Shri K. Thomas, Contoller General In-charge speaking at the valedictory of the International Women's Day celebration organised at the IBM Headquarters in Nagpur. Smt (Dr.) M.N. Gaikwad, coordinator and chairperson, Women's Committee, IBM, Shri M. Sengupta, then CMG, Dr. Minaz Malik, Clinical Psychologist, Smt Bhavika Ramteke, DODO are seen. Dr. Smriti Sanjay Ramteke delivering a talk on Causes of Rheumatism in Woman and Remedy at the International Women's Day celebration held at IBM Headquarters in Nagpur.

## EMPOWERMENT

# Talk on Rheumatism marks Women's Day

The programme started by garlanding portrait of Savitribai Phule, a pioneer of women's upliftment. Dr. Maya Gaikdwad, coordinator and chairperson, Womens Committee threw light on the activities done by IBM under National policy for Women's Empowerment

To mark the International Women's Day, a two-day programme comprising various events was organised at the Indian Bureau of Mines headquarters, Nagpur on 12th and 13th March, 2014.

Shri K. Thomas, Contoller General In-charge inaugurated the programme. The inaugural day witnessed a interactive lecture on "Causes of Rheumatism in Woman & Remedy". The chief guest of the function, Dr. Smriti Sanjay Ramteke, Sandhya Lal, Ore Dressing Officer presided over the lecture programme.

The lecture was followed by a cultural and quiz programme conducted by Smt. Vimal

Tembhurne and Smt. Pradnya Deo.

Earlier, the programme commenced by garlanding the portrait of Savitribai Phule, a pioneer of women's upliftment. Dr. Maya Gaikdwad, coordinator and chairperson, Womens Committee, IBM threw light on the activities done by IBM under National policy for Women's Empowerment.

Shri K.Thomas, CG In-charge presided over the valedictory programme. He congratulated the women employees and stressed on the need for empowerment of women in all fields, including unorganised sector. Smt Minaz Malik, Clinical

Psychologist, Lata Mangeshkar Medical College, Nagpur, who was the chief guest spoke on "Parent-child relationship". Smt. Bhavika Ramteke, coordinator of the programme recited a song against female infanticide. On the occasion, women employees and officers were felicitated on superannuation.

Shri S.K. Goshal, Head of Office, IBM, Shri A. Sen, Sr. Administrative Officer provided their valuable guidance in organising the programme. Mitali Chaterjee, Pooja Sonak, and Miss Pratibha Sharma compered the programme. Smt Asha Motghare and Vimal Tembhurne presented vote of thanks.



# IBM takes part in STONA 2014

STONA is a platform that helps in demonstration of the latest and modern techniques in the craft of stone working.

The Indian Bureau of Mines (IBM) participated in the 11th International Granites and Stone Fair, STONA 2014, an exhibition showcasing the unique range of country's colourful, eye-catching natural stones, held at Bengaluru during 12-15th Feb, 2014. Along with companies and industries involved in the Granites and Stone industry, IBM also showcased its capabilities, capacity and the expertise in the field of mining regulation.

STONA is a platform that helps in demonstration of the latest and modern techniques in the craft of stone working. Shri Ram Mohan, RCOM & HOO, IBM, Bengaluru inaugurated the IBM stall at the expo. IBM displayed charts, regarding functions and activities, samples from ore dressing investigations. The books published by IBM were also kept for sale at the 3-day expo.



Shri Ram Mohan, RCOM, Southern Zonal, Bengaluru opens the IBM stall at the 11th International Granites and Stone Fair, STONA 2014 held at Bengaluru on 12th Feb, 2014.

## SEMINAR



Dr. (Mrs.) M.N. Gaikwad, Deputy Ore Dressing Officer, IBM Nagpur, attended the International Conference on "Global Opportunities for Latest Developments in Chemistry and Technology – 2014" held during 06-08th Feb, 2014 at Jalgaon organised by the School of Chemical Sciences, North Maharashtra University, Jalgaon, India. Smt Gaikwad presented a paper titled, "Role of Chemical Reagents in Mineral Processing Technology", authored by her jointly with Ipsita Mohanram, M.S. Rao and Shri C.S. Gundewar (Retd.), CG at the two day conference.

## EXCELLENCE

# Seema Pawar bags IInd place in National Athletic Championship



Seema Pawar

Smt Seema Pawar, Sr. Statistical Officer (Retd.) has won IInd place in the Long Jump and 200 metres running at the 34th

Master National Athletic Championship held at Mangala Stadium at Mangalore (Karnataka) during 6–9th Feb, 2014. She was also awarded the Best Sports Woman Rolling Trophy of Shivani Ghosh at the 24th All India IBM Sports Meet held at Indira Gandhi National Forest Academy Stadium, Dehradun between 11 and 13th Feb, 2014.

Smt Pawar has been an active veteran sportsperson winning many accolades for her performance in athletics at many international and national tournaments. She secured 2nd

## MINING INDABA

# Deputation Abroad

As a member of Indian delegation led by Shri Arun Kumar, Joint Secretary (Mines), Shri J.R. Chaudhary, RCOM attended the International Conference and Expo – "Mining Indaba 2014" at Cape Town, South Africa between 03 Feb and 06 Feb, 2014. The delegation held talks with the representatives of the Department of Mines of South Africa and discussed the opportunities on both the sides in the field of mining. The Indian side briefed about the potentials of the Indian Mineral Industry and how both the countries may work together to help each other to boost the mining industry in their respective countries. While, the South African side also showcased their prowess in the mining sector.

place in 1500 m running and 3rd place in long jump at the Sri Lanka Masters Athletic Championship in 2010 and was placed 1st in 4x400 relay and 4x100 relay and 3rd in the 400m run at the 10th Malaysian Open Veterans Athletic Championship at Kualalumpur and the winner (7th place) at the Nagpur International Marathon in 2009. She also took part in the Thailand Master Games in 2011 and 16th Asia Masters Athletic Championship at Bukit Jalil Stadium, Kualalumpur.



# खनिज दिवस पर विभिन्न आयोजन संपन्न

खनिज सम्पदा की उपलब्धता की दृष्टि से भारत की गणना विश्व के खनिज संसाधन संपन्न देशों में की जाती है। हमारे देश में लगभग सभी प्रकार के खनिजों की प्राप्ति होती है। भारतीय खान ब्यूरो इन खनिज संसाधनों के वैज्ञानिक विकास, खनिज संरक्षण एवं खानों में पर्यावरण सुरक्षा को बढ़ावा देने के लिए सतत कार्यरत है। भारतीय खान ब्यूरो की स्थापना 1948 में हुई थी। हर वर्ष 1 मार्च भारतीय खान ब्यूरो के स्थापना दिवस के रूप में मनाया जाता है। इसी श्रृंखला में प्रतिवर्षानुसार ब्यूरो मुख्यालय तथा क्षेत्रीय कार्यालयों में 1 मार्च 2014 'खनिज दिवस' के रूप में मनाया गया।



अजमेर के भारतीय खान ब्यूरो के कार्यालय में आयोजित खनिज दिवस के अवसर पर मंच पर खान सुरक्षा महानिदेशालय के निदेशक श्री डी.के.सक्सेना व अन्य उपस्थित अतिथीगण

**भारतीय खान ब्यूरो मुख्यालय :** नागपुर स्थित ब्यूरो मुख्यालय में 'खनिज दिवस' उत्साह के साथ मनाया गया। कार्यक्रम में मॉडल के सभापति एवं प्रबंधक निदेशक श्री जी.पी.कुंदर्गो मुख्य अतिथि के तौर पर उपस्थित थे। कार्यक्रम की अध्यक्षता महानियंत्रक (प्रभारी) श्री के.थॉमस ने की जबकि विशेष अतिथि के तौर पर पूर्व महानियंत्रक श्री सी.एस.गुंडेवार उपस्थित थे।

**अजमेर क्षेत्रीय कार्यालय:** खनिज दिवस के अवसर पर अजमेर स्थित तीनों कार्यालयों (उत्तरांचल कार्यालय, क्षेत्रीय कार्यालय एवं क्षेत्रीय अयस्क प्रसाधन प्रयोगशाला) में 1 मार्च को 'खनिज दिवस' के रूप में मनाया गया। खान सुरक्षा महानिदेशालय के निदेशक श्री डी.के.सक्सेना के मुख्य आतिथ्य में आयोजित कार्यक्रम की अध्यक्षता क्षेत्रीय खान नियंत्रक श्री पंकज कुलश्रेष्ठ ने की। इस अवसर पर सेवानिवृत्त खान नियंत्रक श्री बी.सी.मिश्र विशिष्ट अतिथि के रूप में आमंत्रित थे।

मुख्य अतिथि श्री सक्सेना ने अपने विचार व्यक्त करते हुए कहा कि किसी भी देश में कृषि एवं खनन उद्योग को विकसित किये बिना देश का विकास संभव नहीं है। इस अवसर पर श्री कुलश्रेष्ठ, श्री मिश्र तथा क्षेत्रीय खनन भूविज्ञानी डॉ.ए.एन.मूर्ति तथा अयस्क प्रसाधन अधिकारी श्री एस.एन.गोस्वामी ने भी विचार व्यक्त किए। उप खान नियंत्रक श्री के.एस.यादव, उप अयस्क प्रसाधन अधिकारी श्री विजय कुमार ने तकनीकी व्याख्यान प्रस्तुत किए।

समारोह में ब्यूरो के सेवानिवृत्त अधिकारियों एवं कर्मचारियों ने भाग लिया। समारोह का संचालन सहायक खनन भूविज्ञानी श्री वी.बी.बज ने किया, जबकि धन्यवाद प्रस्ताव वरिष्ठ खान नियंत्रक श्री बी.एल.गुर्जर द्वारा दिया गया।

**कोलकाता क्षेत्रीय कार्यालय:** कोलकाता क्षेत्रीय कार्यालय में 1 मार्च को खनिज दिवस मनाया गया। क्षेत्रीय खान नियंत्रक श्री ए.बी.पाणिग्राही ने दीप प्रज्वलित कर खनिज दिवस का

उद्घाटन किया। उन्होंने सभी उपस्थित पदाधिकारियों तथा कार्यालय की सुरक्षा में तैनात अन्य कर्मचारियों को खनिज दिवस के अवसर पर बैज पहनाएं साथ ही खनिज दिवस के बैनर का उद्घाटन किया।

तत्पश्चात कार्यालय के ट्रांजिट लॉज में योग शिविर का आयोजन किया गया। जिसमें भारतीय विमानपत्तन प्राधिकरण के वरिष्ठ प्रबंधक श्री प्रवीर रॉय ने योग के लाभ को विस्तार से समझाया तथा महत्वपूर्ण आसनों का प्रदर्शन किया। मध्याह्न भोजन के पश्चात सभाकक्ष में कार्यशाला का आयोजन किया गया। जिसमें एम.एन.राय, कार्यवाहक निदेशक एवं प्रभारी अधिकारी, आर.एम.डी. ग्रुप ऑफ माइन्स, स्टील अथोरिटी ऑफ इंडिया लि. एवं सेवानिवृत्त अतिरिक्त महानिदेशक डॉ.बलराम चट्टोपाध्याय मुख्य अतिथि के रूप में उपस्थित थे इन्होंने अपने व्याख्यान के जरिए उपस्थितों को महत्वपूर्ण विषयों की जानकारी दी। कार्यशाला में कोलकाता क्षेत्रीय कार्यालय के सभी अधिकारियों एवं कर्मचारियों के साथ ही टाटा स्टील, स्टील अथोरिटी ऑफ इंडिया लि., रूंगटा माइन्स प्रा.लि. के उच्च अधिकारियों आदि ने भाग लिया। दोनों व्याख्यानों की समाप्ति के पश्चात खनन उद्योग से जुड़े प्रतिनिधियों ने कार्यशाला से प्राप्त अपने अनुभव बांटे। कार्यशाला का समापन सहायक खान नियंत्रक श्री बी.पी.केरकेट्टा के धन्यवाद ज्ञापन से हुआ।

**उदयपुर कार्यालय:** भारतीय खान ब्यूरो का स्थापना दिवस उदयपुर कार्यालय में खनिज दिवस के रूप में मनाया गया। तकनीकी सत्र में श्री एस.एस. गिरहे ने खनिज उत्पत्ति, श्री पंकज कुलश्रेष्ठ ने जीपीएस के उपयोग व श्री मनीष गुप्ता ने ब्यूरो का इतिहास बताया। इस अवसर पर उप खान नियंत्रक श्री पुष्पेंद्र गौड़ की देखरेख में सामान्य ज्ञान प्रतियोगिता आयोजित की गई। क्षेत्रीय खान नियंत्रक श्री जे.आर.चौधरी ने विजेताओं को पुरस्कार प्रदान किए।

## ब्यूरो कर्मियों ने खेलकूद में दिखाए जौहर

प्रतिवर्षानुसार इस वर्ष भी भारतीय खान ब्यूरो द्वारा 24वीं अखिल भारतीय खेल-कूद प्रतियोगिता का आयोजन भारतीय खान ब्यूरो के क्षेत्रीय कार्यालय देहरादून में किया गया। 11 फरवरी से 13 फरवरी 2014 के दौरान आयोजित इन प्रतियोगिताओं में ब्यूरो के अधिकारियों एवं कर्मचारियों ने बढ़-चढ़ कर हिस्सा लिया एवं अपनी-अपनी प्रतिभाओं के जौहर दिखाए। प्रतियोगिता का उद्घाटन 11 फरवरी को इंदिरा गांधी राष्ट्रीय वन अकादमी, देहरादून के खेल परिसर में इंदिरा गांधी राष्ट्रीय वन अकादमी के अतिरिक्त निदेशक डॉ. आलोक सक्सेना ने किया। समारोह की अध्यक्षता आयोजन समिति के अध्यक्ष तथा खान नियंत्रक श्री रंजन सहाय ने की। इस अवसर पर आयोजन समिति के सचिव श्री जी.सी.मीणा, उप खान नियंत्रक एवं प्रभारी अधिकारी एवं आयोजन समिति के उपाध्यक्ष श्री एम.ए.के.नायडू भी उपस्थित थे। तीन दिवसीय खेलकूद प्रतियोगिताओं में भारतीय खान ब्यूरो के विभिन्न क्षेत्रीय कार्यालयों एवं मुख्यालय के लगभग 150 प्रतियोगियों ने हिस्सा लिया।

समापन समारोह के अवसर पर देहरादून के नगर निगम स्थित टाउनहॉल में सांस्कृतिक संध्या का आयोजन किया गया। इस कार्यक्रम में मुख्य अतिथि के रूप में उपस्थित देहरादून के मेयर श्री विनोद चमोली ने विभिन्न प्रतियोगिताओं के विजेताओं को पुरस्कार स्वरूप ट्रॉफी प्रदान की। अंत में श्री मीणा ने देहरादून में 24वीं अखिल भारतीय खेलकूद प्रतियोगिताओं के सफलतापूर्वक संपन्न होने पर सभी अधिकारियों/कर्मचारियों को धन्यवाद दिया।



शिवाजी महाराज जयंती कार्यक्रम में अपने विचार व्यक्त करते हुए महानियंत्रक (प्रभारी) श्री के.थॉमस तथा मंच पर उपस्थित अन्य.

# शिवाजी जयंती हर्षोल्लास के साथ मनाई गई

भारतीय खान ब्यूरो में श्री छत्रपति शिवाजी महाराज जयंती उत्सव समिति की स्थापना की गई है. यह समिति हर वर्ष श्री शिवाजी महाराज जयंती कार्यक्रम का आयोजन करती है. जिसका उद्देश्य श्री शिवाजी महाराज द्वारा स्थापित मूल्यों का प्रचार एवं प्रसार कर उन्हें आगे की पीढ़ी तक पहुंचाना है. इसी शृंखला में इस वर्ष भी यह आयोजन सफलतापूर्वक किया गया.

श्री छत्रपति शिवाजी जयंती उत्सव समिति, भारतीय खान ब्यूरो द्वारा श्री शिवाजी महाराज जयंती उत्सव प्रतिवर्षानुसार इस वर्ष भी हर्षोल्लास के साथ मनाई गई. कार्यक्रम की अध्यक्षता महानियंत्रक (प्रभारी) श्री के.थॉमस ने की. प्रो. अजय निल्दावार प्रमुख अतिथि के रूप में उपस्थित थे. इस अवसर पर प्रो.निल्दावार ने शिवाजी महाराज के जीवन के विभिन्न पहलुओं पर प्रकाश डाला और उनके चित्र, चरित्र एवं चारित्र्य को प्रासंगिक बताते हुए अपने जीवन में अनुकरण करने की बात कही. उन्होंने कहा कि शिवाजी महाराज के व्यक्तित्व को संवारने में उनकी माता जीजाबाई ने अमूल्य योगदान दिया. समिति के अध्यक्ष डॉ.के.एम.पतकी ने स्वागत भाषण दिया तथा समिति की गतिविधियों की जानकारी समिति सचिव श्रीमती धनश्री वैरागड़े द्वारा दी गई. मुख्य कार्यक्रम के पूर्व शिवाजी महाराज के जीवन काल एवं कार्यों पर आधारित रोचक प्रश्नमंच प्रतियोगिता का आयोजन किया गया. प्रश्नमंच का कुशल संचालन श्री विनय सक्सेना ने किया. शिवाजी जयंती उत्सव का संचालन श्रीमती पूजा

इस अवसर पर प्रो.निल्दावार ने शिवाजी महाराज के जीवन के विभिन्न पहलुओं पर प्रकाश डाला और उनके चित्र, चरित्र एवं चारित्र्य को प्रासंगिक बताते हुए अपने जीवन में अनुकरण करने की बात कही.

सोनक ने किया जबकि मुख्य अतिथि का परिचय श्रीमती अनिता शर्मा ने दिया. कुमारी प्रतिभा शर्मा ने आभार व्यक्त किया. कार्यक्रम का समापन राष्ट्रगान के साथ हुआ. कार्यक्रम के सफलतार्थ श्री छत्रपति शिवाजी महाराज उत्सव समिति के पदाधिकारियों तथा सभी सदस्यों ने योगदान दिया.

## हिन्दी संबंधी कार्य की विशिष्टियां

भारतीय खान ब्यूरो का हिन्दी अनुभाग सरकारी कामकाज में हिन्दी के अधिकाधिक उपयोग के लिए विभिन्न गतिविधियों का आयोजन करता है. जिसके तहत अक्टूबर 2013 से दिसंबर 2013 के दौरान हिन्दी अनुभाग द्वारा मुख्यालय स्थित प्रभाग/अनुभाग से प्राप्त सामग्री/दस्तावेजों/पत्रों का अनुवाद किया गया. इसके अलावा मंत्रालय से प्राप्त पत्रों का निपटारा भी किया गया. नवम्बर, 2013 में परामर्शदात्री समिति की रिपोर्ट का अनुवाद एवं पावर पाइंट स्लाइड तैयार की गई. 17 एवं 18 अक्टूबर 2013 को गुवाहाटी में दो दिवसीय हिन्दी कार्यशाला का आयोजन किया गया जिसमें 6 अधिकारियों एवं कर्मचारियों ने भाग लिया जबकि 21 एवं 22 अक्टूबर 2013 को कोलकाता क्षेत्रीय कार्यालय में आयोजित कार्यशाला में 14 अधिकारियों एवं कर्मचारियों ने हिस्सा लिया.



# राजभाषा कार्यशाला का सफल आयोजन

कार्यक्रम के प्रथम सत्र में  
राजभाषा नीति, अधिनियम,  
नियमावली, वर्तनी बोध,  
पारिभाषिक मानक शब्दावली  
तथा हिन्दी अंग्रेजी वाक्य  
रचना पर प्रकाश डाला.



राजभाषा कार्यशाला के उद्घाटन अवसर पर मंच पर उपस्थित क्षेत्रीय खान नियंत्रक श्री पंकज कुलश्रेष्ठ, सेवानिवृत्त उपमुख्य राजभाषा अधिकारी श्री रमेश चंद्र मिश्र, डॉ.ए.एन.मूर्ती तथा श्री एस.एन.गोस्वामी.

भारतीय खान ब्यूरो के अजमेर आंचलिक कार्यालय, क्षेत्रीय कार्यालय एवं क्षेत्रीय अयस्क प्रसाधन प्रयोगशाला के संयुक्त तत्वावधान में 6 एवं 7 मार्च 2014 को दो दिवसीय हिन्दी कार्यशाला का आयोजन किया गया. कार्यशाला का शुभारंभ क्षेत्रीय खान नियंत्रक श्री पंकज कुलश्रेष्ठ की अध्यक्षता में तथा दक्षिण-पूर्व रेलवे से सेवानिवृत्त उप-मुख्य राजभाषा अधिकारी श्री रमेश चन्द्र मिश्र के मुख्य आतिथ्य में किया गया. इस अवसर पर क्षेत्रीय आंचलिक कार्यालय प्रभारी व खनन भूविज्ञानी डॉ.ए.एन.मूर्ती तथा अयस्क प्रसाधन प्रयोगशाला प्रभारी व उप अयस्क प्रसाधन अधिकारी श्री एस.एन.गोस्वामी उपस्थित थे.

सर्वप्रथम श्री मिश्र, श्री कुलश्रेष्ठ, डॉ.मूर्ती, तथा श्री गोस्वामी का पुष्पगुच्छ देकर स्वागत किया गया. इस अवसर पर मुख्य अतिथि श्री मिश्र ने अपने संबोधन में राजभाषा के संबंध में विभिन्न आयामों का विस्तार से उल्लेख किया. अध्यक्षीय भाषण में श्री कुलश्रेष्ठ ने कहा कि अजमेर 'क' क्षेत्र में स्थित है तथा यहां समस्त अधिकारी एवं कर्मचारी हिन्दी में प्रवीणता प्राप्त हैं, लेकिन सरकारी कामकाज में हिन्दी का प्रयोग निरंतर बना रहे, इस उद्देश्य से हिन्दी कार्यशालाओं का

आयोजन प्रतिवर्ष किया जाता है. तत्पश्चात डॉ.मूर्ती, तथा श्री गोस्वामी ने भी अपने विचार व्यक्त किए. इससे पूर्व हिन्दी अनुवादक श्री बी.एल.गुप्ता ने हिन्दी कार्यशाला के आयोजन पर विस्तार से प्रकाश डाला. वरिष्ठ सहायक खान नियंत्रक एवं हिन्दी संपर्क अधिकारी श्री बी.एल.गुर्जर ने कार्यक्रम की रूपरेखा प्रस्तुत की तथा धन्यवाद ज्ञापित किया. कार्यक्रम का संचालन श्री गुप्ता ने किया.

कार्यक्रम के प्रथम सत्र में राजभाषा नीति, अधिनियम, नियमावली, वर्तनी बोध, पारिभाषिक मानक शब्दावली तथा हिन्दी अंग्रेजी वाक्य रचना पर प्रकाश डाला.

कार्यक्रम के समापन सत्र में 4 व्याख्यानों का आयोजन किया गया. सहायक प्रशासन अधिकारी श्री सत्यजीत कुमार ने विभिन्न प्रशासनिक विषयों तथा सेवा पंजी में विभिन्न प्रकार की प्रविष्टियां, अनुशासनात्मक कार्यवाही आदि पर व्याख्यान दिया. इस अवसर पर अन्य वक्ताओं ने भी विचार व्यक्त किए.

व्याख्यानों की समाप्ति पर श्री बी.एल.गुप्ता ने कार्यशाला में सहभागी सभी अधिकारियों तथा प्रतियोगियों का धन्यवाद ज्ञापित किया. कार्यशाला में तीनों कार्यालयों के कुल 18 कर्मिकों ने भाग लिया.

## उदयपुर में हिन्दी कार्यशाला आयोजित

भारतीय खान ब्यूरो के उदयपुर क्षेत्रीय कार्यालय में हिन्दी में कामकाज को प्रोत्साहित करने के उद्देश्य से 23 एवं 24 जनवरी 2014 को 'कम्प्यूटरों में यूनिकोड प्रणाली का उपयोग' विषय पर दो दिवसीय हिन्दी कार्यशाला का आयोजन किया गया. कार्यालय सभागृह में उप खान नियंत्रक एवं हिन्दी संपर्क अधिकारी श्री पुष्पेन्द्र गौड़ ने दीप प्रज्वलित कर हिन्दी कार्यशाला का उद्घाटन किया. कार्यक्रम के मुख्य अतिथि नगर राजभाषा कार्यान्वयन समिति के सचिव एवं भारत संचार निगम लि. उदयपुर के राजभाषा अधिकारी श्री गिरीराज पालीवाल थे. अपने अध्यक्षीय भाषण में श्री गौड़ ने सभी प्रशिक्षणार्थियों से अनुरोध किया कि वे कार्यशाला का अधिक से अधिक लाभ उठाएं. जबकि श्री पालीवाल ने यूनिकोड प्रणाली की उपयोगिता पर प्रकाश डाला. इस अवसर पर वरिष्ठ खनन भूवैज्ञानिक श्री संजय

एम.गिरहे ने अपने संबोधन में आशा व्यक्त की कि कार्यशाला में प्रशिक्षण प्राप्त करने के पश्चात अधिकारियों एवं कर्मचारियों की कार्यशैली में सुधार आयेगा. उद्घाटन समारोह का संचालन हिन्दी अनुवादक श्री राजीव कुलश्रेष्ठ ने किया, सहायक खान नियंत्रक श्री डी.डी.भरद्वाज ने धन्यवाद ज्ञापित किया.

दो सत्र में आयोजित इस कार्यशाला के पहले दिन नगर राजभाषा कार्यान्वयन समिति के सचिव एवं भारत संचार निगम लि., उदयपुर के राजभाषा अधिकारी श्री पालीवाल ने 'कम्प्यूटरों में यूनिकोड प्रणाली का उपयोग' विषय पर प्रोजेक्टर एवं स्लाइड शो की सहायता से दो व्याख्यान दिए. इस कार्यशाला से 20 अधिकारियों/कर्मचारियों ने लाभ उठाया. कार्यशाला के समापन समारोह में संजय गिरडे, डी. डी.भारद्वाज, एन.एलरोत व रामसिंह आदि ने अपने विचार

दो सत्र में आयोजित इस कार्यशाला के पहले दिन नगर राजभाषा कार्यान्वयन समिति के सचिव एवं भारत संचार निगम लि., उदयपुर के राजभाषा अधिकारी श्री पालीवाल ने 'कम्प्यूटरों में यूनिकोड प्रणाली का उपयोग' विषय पर प्रोजेक्टर एवं स्लाइड शो की सहायता से दो व्याख्यान दिए.

व्यक्त किए. समापन समारोह का संचालन वरिष्ठ तकनीकी सहायक (खनन) श्री पंकज कुलश्रेष्ठ ने किया. जबकि सहायक भण्डारपाल (तकनीकी) श्री ललित नागदा ने धन्यवाद प्रस्ताव रखा.

- Shri C.S. Gundewar then CG, IBM attended (i) meeting regarding transfer policy in line with Central Services Board at New Delhi on 02 Jan, 2014 (ii) Final meeting of the National Geoscience award Committee held under the Chairmanship of Secretary (Mines) on 21st Jan, 2013 at New Delhi.
- Shri Saji George, Director (S) attended quarterly review meeting of the Central Coordination-cum-Empowered Committee (CEC) on Mineral Development & Regulation on 09 Jan, 2014 at New Delhi.
- Shri K. Thomas, DDG attended 4th meeting of the Working Group on IIP on 20 December, 2013 at New Delhi.
- Shri C.S. Gundewar then CG, IBM attended (i) meeting of the standing committee on self-reliance in mineral and mineral-based products on 18 Nov, 2013 at Parliament House Annexe, New Delhi and (ii) AGM and Governing Council meeting of the Jawaharlal Nehru Aluminium Research, Development & Design Centre on 18 November at New Delhi.
- S/Shri K. Thomas, DDG (S), M. Sengupta, CMG (Dr.) S.S. Bhake (Retd.), CME, S.K. Adhikari, Sg MG, (Dr.) G.V.G.K. Bhagwan, SMG attended a meeting at IBM, Nagpur on 08 Nov, 2013 during the visit of Dr. A.M. Gondane, High Commissioner of India to Papua New Guinea, etc and countries based in Port Moresby for interaction about New Guinea's mining industry and possible areas of cooperation.
- S/Shri K. Thomas, DDG (S) and Dr. S.S. Bhake, CME attended review meeting held under the chairmanship of Joint Secretary (Mines) on 30 October, 2013 at New Delhi.
- Shri Ranjan Sahai, COM attended review meeting held under the chairmanship of Hon'ble Minister of State (Planning) in Planning Commission on 07 Nov, 2013 at New Delhi.
- Dr. S.S. Bhake, then CME attended meeting held under the chairmanship of Secretary (Steel) regarding the issues relating to the storage of iron ore in the State of Karnataka on 23 October, 2013 at New Delhi.
- Shri C.S. Gundewar, then CG, IBM with Shri Ranjan Sahai, COM attended meeting of the Estimate Committee of Parliament on 25th Sept, 2013 at Bhubaneswar.
- Shri Ranjan Sahai, COM along with Shri Saji George, Director (S), Shri V.K. Misra, SMG attended meeting in connection with examination of Request for Proposal of Mining Tenement System on 07 & 08 October, 2013 at Bhubaneswar.
- Dr. S.S. Bhake, then CME attended a meeting held under the chairmanship of Additional Secretary (Mines) on 10 October, 2013 at New Delhi.
- Shri Ranjan Sahai, COM along with Shri Y.G. Kale, RCOM & TS attended (i) Briefing meeting with Joint Secretary Arun Kumar regarding Extractive Industries Transparency Initiatives (EITI) and also accompanied him to appraise Chairman of the Department Related Standing Parliamentary Committee on EITI on 25 Oct. 2013 at New Delhi and (ii) meeting of the World Bank co-chaired by the Joint Secretary Naresh Kumar for capacity building of IBM on 31 October, 2013 at New Delhi.
- Shri V.K. Misra, SMG attended meeting in connection with NIC DC and DR sites for Mining Tenement System Project on 22 October, 2013 at New Delhi.

## Appointments

**Dr. P.K. Jain** as Superintending Mineral Geologist w.e.f. 25.10.2013

**Shri S.K. Muduli** as Junior Mining Geologist w.e.f. 25.11.2013

## Promotion

**Dr. Sanjay Kumar** as Supdg. Chemist w.e.f. 01.10.2013

**Shri H.K. Jain** as Deputy Ore Dressing Officer w.e.f. 01.10.2013

**Shri S.P. Pachpor** as Deputy Ore Dressing Officer w.e.f. 01.10.2013

**Shri M.V. Sahasrabudhe** as COM, Pub. Cell & Trg. Centre, Nagpur w.e.f. 23.01.2014

**Shri Ivan Khess** as COM, T C Division, IBM, Nagpur w.e.f. 23.01.2014

**Shri Singa Tiu** as COM, IBM, Bangalore w.e.f. 27.01.2014

**Shri N.P. Haran** as ODO, IBM, Bangalore w.e.f. 20.01.2014

**Shri V.A. Jagtap** as AAO w.e.f. 29.01.2014

**Shri K.C. Sen** as Asstt. Stores Officer w.e.f. 10.02.2014

**Shri S.K. Samantha** as Survey Officer w.e.f. 14.02.2014

**Shri K.T. Doifode** as DODO w.e.f. 01.01.2014

**Smt. S.Y. Shami**, Sr. Chemist w.e.f. 26.02.2014

## Transfers

**Shri S.R. Roy** RCOM from TMP Division, Nagpur to Jabalpur w.e.f. 19/11/2013

**Shri Ranjan Sahai**, COM from Central Zone, Nagpur to COM (Coord)

**Shri R.K. Sinha** COM from South Zone, Bengaluru to Central Zone, Nagpur

**Shri D.D. Bharadwaj**, ACOM from Camp Office New Delhi to Udaipur

## Personnel News

**P. Nagarajan** as Administrative officer from Bengaluru to New Delhi w.e.f. 17.02.2014

**Dr. P.K. Jain**, Sg. MG from TMP Division to GM Cell w.e.f. 29.01.2014

**Shri Y.G. Kale**, RCOM from TS Section to NR office w.e.f. 22.01.2014

**Shri Abhay Agrawal**, DCOM from NR office to TS Section w.e.f. 22.01.2014

## Retirement

**Shri D.I. Lekurwale** as JMG w.e.f. 31.10.2013

**Shri S.B. Nagale** as Asstt. Stores officer w.e.f. 30.11.2013

**Shri Y. M. Barathwal** as DODO w.e.f. 31.12.2013

**Shri R.N. Sharma** as Dy. Director (Raj) w.e.f. 31.12.2013

**Shri V.K. Kedar** as Asstt. Administrative Officer w.e.f. 31.12.2013

**Shri R.F. Ingale** as Survey Officer w.e.f. 31.01.2014

**Dr. S.S. Bhake** as Chief Mineral Economist w.e.f. 31.01.2014

**Shri P.P. Chakravarty** as DCOM w.e.f. 28.02.2014

**Shri M. Rajagopalan** as Administrative Officer w.e.f. 31.03.2014

**Smt. S.S. Pawar** as Sr. Statistical Officer w.e.f. 31.03.2014

**Shri A.K. Sengupta** as AODO w.e.f. 31.03.2014

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