



# भारतीय खान ब्यूरो समाचार

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# PIYUSH GOYAL

## TAKES CHARGE

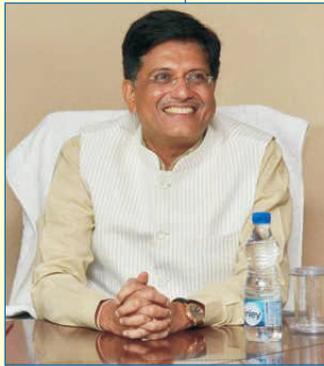
### AS HON'BLE MINISTER

#### FOR MINES

Shri Goyal intends to raise mineral output and increase share of mineral production in GDP by 1 per cent



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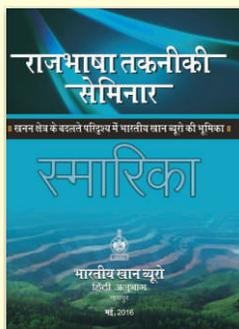


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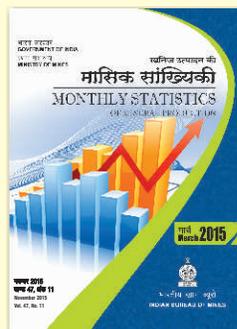
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## Publication Corner



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# From Controller General's Desk



**Shri R.K. Sinha**

I extend a warm greeting to Hon'ble Shri Piyush Goyal and congratulate him on behalf of IBM family and on my own behalf for being appointed Mines Minister. The team IBM fully supports his vision to raise mineral output and increase share of mineral production in GDP by one per cent in the coming years and will work towards achieving the target. The Mines and Mineral sector has ushered into a progressive period with the Union Cabinet clearing the National Mineral Exploration Policy (NMEP) which boosts exploration activities and bring new technologies. It will help place India among very few countries possessing latest technologies to unearth rare earth minerals.

We fully acknowledge that the commitment and competitiveness among the mining companies for Sustainable Development Framework (SDF) is absolutely necessary for achieving the goals of MMDR Amendment Act 2015. Therefore, IBM will act as a nodal agency to roll out and monitor the Star Rating of Mines under SDF. The regional offices are told to identify large and medium sized mines to fill the SDF template for evaluation on pilot basis. National Institute of Smart Government (NISG) is tasked to develop & deploy an IT application for evaluation & monitoring.

In another big step to check illegal mining, IBM has formulated Mining Surveillance System (MSS) that will soon be rolled out with the support of Bhaskaracharya Institute of Space Applications and Geo-Informatics (BISAG). The MSS will make use of space

technology developed by BISAG to monitor illegal mining on real time basis. IBM will make available digitised maps with Global Positioning System (GPS) coordinates to BISAG to develop the system. The subject was also discussed elaborately at the Mining Ministers' Conference held in Jaipur on 27 May, 2016. The MSS along with the Satellite Imagery monitoring jointly with National Remote Sensing Centre (NRSC) will help check illegal mining effectively. The Ministry has in-principle approved establishing All India Training Centres of IBM at Kolkata and Udaipur and setting up Remote Sensing Cell at Hyderabad. As part of the re-organisation of IBM, new Regional Offices will be set up in Delhi and Gandhi Nagar and sub regional office in Bhopal. The Raipur Regional Office, though inaugurated on 18 April, has already started functioning from 1 April, 2016.

During the first quarter of 2016-17, the index of mineral production of mining and quarrying sector for the month of May 2016 (2004-05=100) at 123.6 was 1.3 % higher as compared to May 2015. The production of important minerals that showed positive growth during May 2016 over May 2015 include: Iron Ore (36.2%), Magnesite (34.2%), Copper Conc. (19.7%) and Limestone (1.5%). Total value of mineral production during May was 18809 crore. With a slew of positive measures announced during this quarter, the policies guiding the mines sector is on the right path to fully exploit the potential of minerals for the country's progress.

A handwritten signature in black ink, appearing to read 'R.K. Sinha'.

**R.K. Sinha**  
Controller General  
IBM

# Piyush Goyal takes charge

Shri Piyush Goyal took charge as the Minister of State for Mines (Independent Charge) on 6 July, 2016. In addition to Mines, Shri Goyal heads the Ministries of Coal, Power and New & Renewable Energy with Independent Charge, since May 2014.

Shri Goyal is known for his acumen in the fields of management and growth and is credited with reviving the Coal and Power Ministries and placing them on growth path in the last two years. He formulated the Ujjwal Discom Assurance Yojana (UDAY), a revival scheme for distressed state-owned power distribution companies and introduced efficiency in coal transportation. He is heading the world's largest capacity addition plan in renewable energy from current 6.7 Giga Watt to 175 Giga Watt by 2022 under the Ministry of New and Renewable Energy programme.

He has participated in the Leadership programmes at Yale University (2011), Oxford University (2012) and Princeton University (2013). Shri Goyal served as a

member of Standing Committee on Finance and Consultative Committee for the Ministry of Defence. He is also involved in diverse fields such as tribal education and welfare of physically challenged. He was also nominated by the Government of India to the Task Force for Interlinking of Rivers in 2002.

Besides being a Politician and a Parliamentarian, he is currently Member of Rajya Sabha from Maharashtra. He is a renowned Chartered Accountant and an Investment Banker and holds a brilliant academic record with second rank in Chartered Accountancy and Law (Mumbai University). As an investment banker, he served on the advisory board of top corporations and on the Board of State Bank of India and Bank of Baroda. The Indian Bureau of Mines reposes faith in Minister's belief on Good Governance, Self Confidence and Strengthening of Institutions and believes his managerial skills would come in handy for achieving higher growth targets.

*Congratulations Sir...*

Shri Goyal is known for his acumen in the fields of management and growth and is credited with reviving the Coal and Power Ministries and placing them on growth path in the last two years.



*Shri Piyush Goyal*

FOR EXCELLENCE IN MINERAL SECTOR

## Controller General presented Geominetech Award



*Shri R.K. Sinha, Controller General, IBM being awarded the Geominetech Excellency Award at 16th Annual Geominetech Symposium on New Equipment – New Technology Management and Safety (ENTMS) at Bhubaneswar. Shri Balvinder Kumar, Secretary (Mines) and others are seen.*

Shri R.K. Sinha, CG, IBM was honoured with prestigious Geominetech Excellence Award for the year 2015-16 in recognition of his significant contribution towards Mineral Industry. The award was presented at the 16th Annual Geominetech Symposium on New Equipment – New Technology Management & Safety (ENTMS) organised at Bhubaneswar on 12 May, 2016.

Shri Balvinder Kumar, Secretary, Mines presented the Award on the sidelines of the Symposium and the National Technology Day celebrations held under the auspices of Indian Mineral Industry Journal (IMI). The IMI made special reference to the Shri Sinha's role in new age reforms for monitoring mining activities through satellite imagery. Shri A.B. Panigrahi, COM, Dilip Jain, JMG accompanied the CG to the Seminar.

The officials and representatives from IBM, major coal/non coal organisations, Government bodies like DGMS, CMFRI, Scientists, Academicians from India and Abroad attended the event.



*Shri Vishnu Deo Sai, then Union Minister of State for Mines (second from left) at a programme during the visit to Modern Mineral Processing Laboratory. Shri Rahul Bhagat, PS to Minister, Shri R.K. Sinha, CG, IBM, Smt. Indira Ravindran, Director (OD) are seen. (right) Shri Sai, inaugurating the Optical Research Polarizing Microscope at Mineralogical Laboratory of Modern Mineral Processing Laboratory and Pilot Plant at Hingna, Nagpur. Shri R.K.Sinha, Controller General and others are seen.*



## MAIDEN VISIT

# Union Minister visits Mineral Processing Lab

Shri Vishnu Deo Sai took stock of the working of various offices, including IBM. Shri R.K. Sinha, Controller General and other senior officers of IBM made a presentation briefing the functions, organisation structure & scheme-wise performance of IBM.

**S**hri Vishnu Deo Sai, then Union Minister of State for Mines paid a visit to the Modern Mineral Processing Laboratory and Pilot Plant of IBM in Nagpur on 29 May, 2016. He inaugurated a new Optical Research Polarizing Microscope in Mineralogy Laboratory and toured the Pilot Plant complex and took a detailed account of the facilities in the Laboratory.

Shri R.K. Sinha, Controller General, IBM, Dr. Gopal Dhawan, CMD, MECL, Shri G.P. Kundargi, CMD, MOIL, Shri Rahul Bhagat, IPS, PS to Minister and Smt. Indira

Ravindran, Director (Ore Dressing) and senior officers from IBM, MECL and MOIL accompanied the Minister. Smt. Ravindran apprised the Minister of the objectives, importance and achievements of the Mineral Processing Division through a power point presentation.

The Minister took keen interest in understanding the various processes and appreciated the techno-scientific work carried out in IBM.

Earlier, Shri Vishnu Deo Sai visited the MOIL office and took stock of the working of various offices, including IBM. Shri R.K.

Sinha, Controller General and other senior officers of IBM made a presentation briefing the functions, organisation structure, scheme-wise performance of IBM, Reorganisation and Redefining of the Role of IBM and significant achievements made during 2015-16.

The visiting delegation was apprised of the requirement of funds for procurement of scientific and technical instruments; collaboration with foreign institutes/ organisations; funds for the infrastructure development and increase in the manpower of the IBM organisation.



Shri Raman Singh, Chief Minister of Chhattisgarh lighting the lamp at the inauguration of the Regional office of Indian Bureau of Mines in Raipur. S/Shri, Vishnu Deo Sai, then Union Minister of State for Mines & Steel, Subhash Chandra, Joint Secretary (Mines), Subodh Kumar Singh, Secretary, Mineral Resources department, Chhattisgarh are seen. (right) Shri Vishnu Deo Sai tour the new office at Raipur. Shri R.K. Sinha, CG, IBM, Shri Subhash Chandra, Joint Secretary (Mines) and others are seen.

#### NEW REGIONAL OFFICE

## IBM Raipur office commissioned

Chief Minister of Chhattisgarh Shri Raman Singh inaugurated the Regional office of Indian Bureau of Mines (IBM) in Raipur on 18 April, 2016. Then Union Minister of State for Steel & Mines Shri Vishnu Deo Sai, Joint Secretary of Mines Shri Subhash Chandra and Controller General of IBM Shri R.K. Sinha, Economic Advisor for Ministry of Mines Shri Sudhakar Shukla accompanied the Chief Minister during the inaugural programme.

In his inaugural address, Shri Raman Singh said Chhattisgarh was one of the crucial mineral rich states and his Government was committed for the sustained scientific development of mineral resources in the State. The opening of IBM Regional office in Raipur would boost the mineral conservation and development activity. The development of the mineral

sector would create more job opportunities and contribute to the economic development of State.

“The IBM office in the State Capital will catalyze the progress in mineral sector. The State DGM and its officials will work in partnership with the IBM officers for holistic development of Mineral sector in State, he said thanking Central Government for opening the regional office.

Shri Vishnu Deo Sai, then Union Minister of State for Steel & Mines who presided over the event said Chhattisgarh State was bestowed with rich mineral resources. The State Government has successfully e-auctioned three major mines in consultation with IBM, he said. On the occasion, Shri R.K.Sinha, Controller General, IBM said IBM office in Raipur will prove to be benefactor for the overall development of mineral

industry in the region. It would also help hasten the interaction between Central and State governments on key issues, the CG added. “The IBM has played an important role in formulating mining policy in the Country. The Regional office in Raipur will help quick implementation of new mining policies,” the CG said.

Shri Subhash Chandra, Joint Secretary (Mines) said the Raipur office will play an important role in future auctions of the mines in Chhattisgarh state and in the implementation of Sustainable Development framework. Shri Subodh Kumar Singh, Secretary of Mines department, Chhattisgarh, A.B. Panigrahi, Controller of Mines (CZ), IBM and other senior officers of IBM and officials from Department of Mines and Geology of Chhattisgarh were present.

#### NEW INITIATIVE

## SDF Training centres at Kolkata, Udaipur soon

The Indian Bureau of Mines will soon establish National level Training Centres on Sustainable Development Mining and Sustainable Development Framework at Kolkata and Udaipur, respectively, following the Mines Ministry’s in-principle approval for setting up these institutes.

A Remote Sensing Cell would also be set up at Hyderabad for coordination with the

National Remote Sensing Centre (NRSC) to monitor mining activities remotely through satellite images.

The Ministry has also approved the opening of Regional office at New Delhi covering the jurisdiction of Haryana, Jammu & Kashmir, Punjab, Uttar Pradesh and Chandigarh; a Sub Regional office at Bhopal with the jurisdiction of 31 districts of

Madhya Pradesh State. An East Zone office would be opened at Kolkata.

The North Zone office would be shifted from Ajmer to Udaipur and will cover Ajmer, Delhi, Gandhi Nagar, Regional offices and Dehradun sub regional office. The Guwahati office shall be upgraded to Regional office, while the Dehradun office will be converted to Sub Regional office.

# JS apprised on Mineral Processing

Shri Subhash Chandra, Joint Secretary, Union Ministry of Mines visited the Modern Mineral Processing Laboratory and Pilot Plant at Hingna, MIDC, Nagpur on 30 May, 2016 and took stock of the work carried out at the Mineral Processing Laboratory of the Mineral Processing Division.

Shri R.K. Sinha, Controller General, Shri A.B. Panigrahi, COM (CZ) and Shri Harkesh Meena, RCOM & HOO accompanied the Joint Secretary. Smt. Indira Ravindran, Director (MPD) and Smt. Sandhya Lal, Chief Ore Dressing Officer received the visiting officers. Smt. Ravindran introduced to the Joint Secretary the senior officers of the Mineral Processing Laboratory and Pilot Plant. In a presentation, "Role of Mineral Processing and Facilities available in Mineral Processing Division", she apprised him about the objectives, importance, facilities available and beneficiation carried out at the Pilot Plant and other laboratories at Ajmer and Bengaluru.

A video clip on "Live Operation on Beneficiation of Ferruginous Rock Phosphate in Pilot Plant at RODL, IBM, Bengaluru" was also presented before the Joint Secretary. She said that in the wake of MMDR Act, 2015, all the G2 and G1 level mineral blocks required to be made UNFC compliance before auction, for which beneficiation study was mandatory. The Mineral Processing Division of IBM was the principal agency undertaking these studies for the Country and contributed significantly for value addition and mineral conservation, she informed. He visited the Mineralogy, Chemical, Mineral Processing Laboratories and Pilot Plant and was apprised of working of various Sections. He appreciated the technical work carried out at the MP Division.

## Kolkata

Shri Subhash Chandra also visited the



Shri R.K. Sinha, CG, IBM and Smt. Indira Ravindran, Director (OD) apprise Shri Subhash Chandra, Joint Secretary (Mines) on mineral processing during the latter's visit to the Modern Mineral Processing Laboratory in Nagpur. (below) Shri Subhash Chandra planting a sapling at the premises of the Pilot Plant. Shri Subhash Chandra, being welcomed at the Kolkata office of IBM by B.P.I Kerketta, Sr. ACOM & HOO. Smt. B.R. Ramteke, ODO (Camp Office, Kolkata) is seen.

Regional Office, Kolkata on 17 May, 2016. The Joint Secretary interacted with the officers and staff members and was apprised about the activities undertaken in the Kolkata office.

Smt. B.R. Ramteke, Ore Dressing Officer, (Camp Office, Kolkata) received the JS offering a bouquet. During a meeting at the conference hall, he asked the Kolkata office to submit a Plan for revival of the Clay Laboratory and directed the authorities to work on procurement of samples for clay processing with others like Bauxite, Limestone, Iron Ore etc. The Joint Secretary also asked the officers to work on making the building eco-friendly while tapping solar energy.

Shri B.P. Kerketta, Sr. ACOM & HOO, IBM Kolkata and others were present.

## Bengaluru

The Joint Secretary also paid visit to the

IBM Bengaluru office and chaired a meeting with the officers of the Zonal, Regional offices and RODL, Bengaluru. Smt. Indira Ravindran, Director (MPD), Shri S. Tiu, COM (SZ) and V. Jayakrishna Babu, RCOM accompanied Shri Subhash Chandra during his visit to the OD Lab, Pilot Plant, Chemical Lab, Gold Extraction Unit and Mineralogical Section.

Later, chairing a meeting, the Joint Secretary called for full utilisation of machineries/equipments and advised the officials to undertake wide publicity of the Division and tie-up with other mining organisations for better output.

He emphasised for installation of solar power system for lighting of office. He was apprised about the status of the implementation of Star Rating of Mines and Mining Surveillance System (MSS) project.





Shri R.K. Sinha (centre), Controller General, IBM chairing a meeting of the heads of Zonal and Regional Offices at IBM Headquarters, Nagpur. Smt. Indira Ravindran, Director (OD), S. Tiu, COM & others are seen.

DIGITAL INDIA

# IBM rolls out Mining Surveillance System

The project is undertaken by IBM and Department of Electronics and Information Technology (DeitY) in association with BISAG as part of the Digital India programme.

MINES MINISTRY

## CG chairs zonal, regional heads meet

Shri R.K. Sinha, Controller General, IBM chaired a meeting of the heads of the Zonal and Regional offices during 28-29 April, 2016 at IBM Headquarters, Nagpur. The CG reviewed the performance of each zone/region and resolved various technical and administrative issues.

In his inaugural address, Shri R.K. Sinha emphasised implementation of MTS, IBM-NRSC Project, MSS Project and renewed responsibilities of IBM in view of the recent amendments to MDDR Act and new sub legislation. He also asked the officers to expedite online submission of returns, handholding with State Governments for Auction process, technological strengthening of IBM and reorganisation of IBM. He reviewed the progress of the committees constituted for expediting process of comprehensive regional mineral exploration, for scrutinizing pending applications at the time of MMDR Amendment Act, 2015.

The Regional heads from Regional Mineral Processing Laboratories and Regional offices made presentations on salient achievements pertaining to their region. Issues related to DGPS Survey, role of IBM officers in state auctioning process, moulding sand as major or minor mineral, difficulties in submission of online returns, geological studies carried out by IBM as

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stated in Rule 46 of the Minerals Concession Rules 2016 (Other than Hydrocarbon and Energy Minerals) for establishing average percentage of lumps and fines present in run-of-mine for State etc. were discussed.

The representatives of all the Divisions of IBM, the Regional heads from Regional Mineral Processing Laboratories and Regional Offices attended the meeting and made presentations. Discussions were also held with M & MS Division, ME Division and NIC on issues related to online submission/scrutiny of returns and Mobile App. On the sidelines of the meeting, a Workshop on appraisal of SDF Star Rating System was also organised on 27 April, 2016 where in all regional heads and senior officers of mining and geology discipline participated.

After the MoU with the National Remote Sensing Centre (NRSC) to help monitor illegal mining through satellite imagery, the Indian Bureau of Mines will work jointly with the Mines Ministry to develop a Mining Surveillance System (MSS), a pan India Surveillance network to curb illegal mining of major minerals. The project will make use of space technology developed by The Bhaskaracharya Institute of Space Applications and Geo-Informatics (BISAG). The project is undertaken by IBM and Department of Electronics and Information Technology (DeitY) in association with BISAG as part of the Digital India programme.

Presently, the MSS project is being carried out at BISAG. Maps in respect of 1729 working mines out of 1832 have been provided to BISAG and about 1585 maps out of 2140 non-working mines have been provided to the Institute. The work of scanning, Geo referencing, Digitisation and Superimposition of these maps are under progress. The work on getting satellite image for these leases are also under process. Once satellite images are procured, these maps will be superimposed on satellite image and a designated officer from IBM will check for its accuracy.

The IBM would coordinate with the State governments to make available digitised lease areas with GPS coordinates for all major minerals. In this regard, all regional offices have been asked to expedite the process of handing over the desired maps to BISAG either in hard copy or scanned in JPEG/tiff format in a time bound manner. The collection of Khasra/ cadastra or surface plan with GPS coordinates of all major minerals is under process for superimposing the lease areas over satellite imageries. A presentation was made before then Minister of Mines Narendra Singh Tomar on the progress of MSS project at the Mines Ministers' Meeting held in Jaipur on 27 May 2016.



(Clockwise) Shri Balvinder Kumar (centre), Secretary (Mines) releasing the guide on the template to be filled for the Star Rating of Mines under SDF. S/Shri R.K. Sinha, Controller General, IBM, Sanjiv Mittal, CEO, NISG and others are seen. Shri R.K. Sinha, CG, IBM speaking at the Workshop on Star Rating System organised at Porbandar on 10 June, 2016. S/Shri D.G. Patel, Deputy Commissioner, Porbandar, J.R. Chaudary, RCOM, Udaipur, A.S. Rathore, AVP (SCL) are seen. Shri Sinha, inspects a poster exhibition held as part of the Workshop.

UNDER SDF

# IBM rolls out Star Rating of Mines

The Indian Bureau of Mines (IBM) has begun SDF Star Rating System for the mineral sector for evaluation of mining footprints and to assess miners on Sustainable Development parameters. The scheme which will be made online was initiated manually on a pilot basis on the sidelines of the National Conclave on Mines and Minerals held in Raipur during 4-5 July, 2016. As a beginning, star rating was awarded to 20 mines at the Two-day Mines and Minerals Convclave.

The programme conceived in consultation with the Mines Ministry identifies various indicators – social, economic and environmental and assigns

certain weightage to each of these sections. Those getting above 90 marks (on a 100 scale) will get 5 stars; those scoring 80-90 will be given 4 stars. When fully operational, the Rating System would create a healthy competitive spirit among mining companies and will reduce environmental and social conflicts in mining areas. As a step forward, IBM will develop a web-enabled online system for evaluation of measures undertaken under Sustainable Mining. The system has two layers – first, providing self evaluation templates for mine owners. Second, IBM would validate claims made in the template.

The National Institute of Smart

Government (NISG) will develop an online system for IBM, which has provided the templates for the purpose. It would be a user-friendly system instantly awarding points based on the information filled by the party, accessible in public domain too.

It would also provide greater clarity on risk levels of mining lease areas, reduce delay in obtaining environmental & forest clearances, protect environmentally sensitive areas and would give small operators to become more competitive and the regulators armed with enhanced control on illegal mining activities and stronger monitoring and assurance systems. A notification of Ministry of Mines dated

23.5.2016 on Star Rating of Mines under SDF has been uploaded on IBM website. Regional Offices are instructed to identify few large and medium mines to fill up the SDF templates for evaluation, on a pilot basis.

## Goa

The Goa Regional Office of Indian Bureau of Mines organised one day workshop on “Sustainable Development Framework (SDF) Consultative Workshop on Star Rating of Mines” on 4 June, 2016 at Central Library, Patto, Panjim, Goa.

In his welcome address, Dr. Y.G. Kale, Regional Controller of Mines said that National Mineral Policy, 2008 envisages for a comprehensive framework of Sustainable Development in all mining activities. As part of the roll out of SDF, the Government has introduced Star Rating of Mines.

Shri Tiu, Controller of Mines (SZ) said that Sustainable Mineral Development has been a principal charter of functions of IBM. The Mines and Mineral Conservation Weeks are observed across India under the aegis of IBM. The industry has adopted various measures towards Sustainable Development; however, the need of the hour was to reflect them in proper perspective. The Ministry of Mines after a wide deliberations amongst stakeholders, had integrated all life cycles of mining industry uniformly through Star Rating system, he added and appealed the miners to actively participate in the evaluation process.

Earlier, Shri Ambar Timblo, MD, Formento Resources, Goa, Shri Kishore Kumar Rajagopal, CEO of Vedanta Ltd and Shri Prasanna Acharya, Director of Mines & Geology, Goa spoke. Around 100 participants from different government bodies such as State Forest department, Goa State Pollution Control Board, mine owners and technical personnel from the mining industries of Goa, Maharashtra and Karnataka states participated in the workshop.

Dr. Y.G. Kale, RCOM presented a paper, “Sustainable Development in Indian Mining Sector – Emerging Scenario; Dr. Sachin Tendulkar of Mineral Foundation of Goa presented “MFG: Contributing to SDF in Goa” and G.K. Jangid, DCOM, IBM presented a paper titled, “Evaluation of Template for Star Rating of Mining Leases” on the occasion.

## Jabalpur

The Jabalpur Regional office of IBM organised a Workshop on the Star Rating System and Filling up the Template at the



Shri R.K. Sinha, Controller General, IBM and Shri Sanjiv Mittal, CEO of NISG exchange MoU during the MoU signing ceremony in Hyderabad. Shri Balvinder Kumar, Secretary (Mines) look on.

## NISG to develop IT application

The Indian Bureau of Mines entered into a Memorandum of Understanding (MoU) between National Institute of Smart Government (NISG) on 9 June, 2016 for developing a web-enabled application for the Star Rating System under SDF.

Shri R.K. Sinha, Controller General, IBM and Shri Sanjiv Mittal, CEO of NISG signed the MoU in the presence of Shri Balvinder Kumar, Secretary (Mines) at Hyderabad.

Shri Balvinder Kumar, speaking on the occasion said the Star Rating System would be a self-certification process, with miners filing the details on the app, the Ministry would rate them after a third party evaluation. The Ministry would make

changes to the rules and introduce penal provisions for miners not achieving a high rating, he said adding that those not achieving 4 or 5 stars would get time to improve.

"Those who continue to lag will be penalised with suspension of mining operations for a brief period. The Ministry initiated various measures to improve transparency and keep a check on illegal mining," he said.

The NISG will develop and deploy an IT application for evaluation and monitoring of Star Rating of Mines under SDF. Senior officials of IBM, NISG were present at the MoU signing ceremony.

Conference hall on 24 June, 2016.

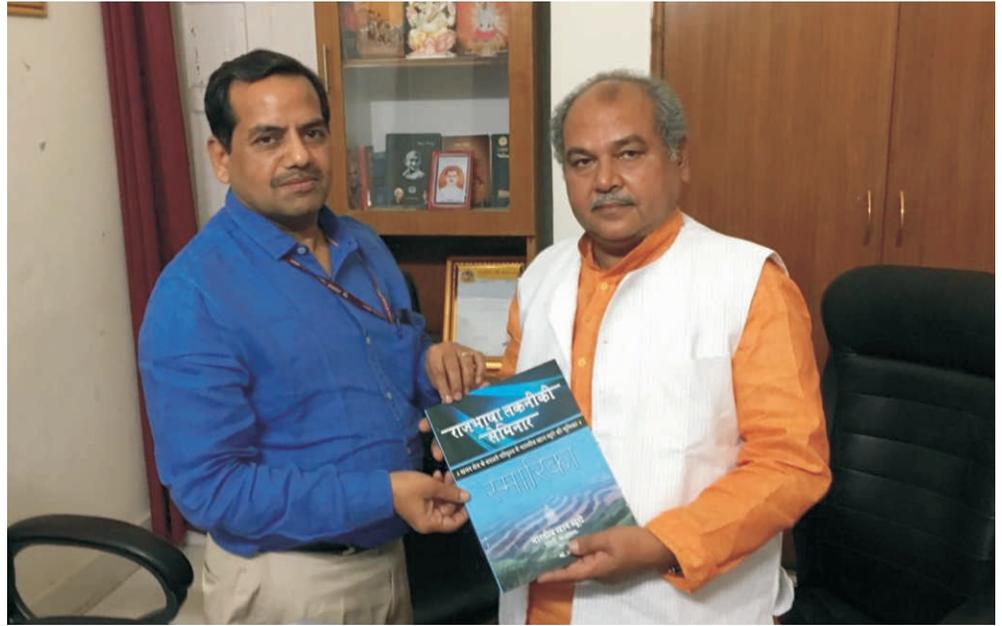
The officers made a presentation and explained to the representatives of mining companies. The participants deliberated on various issues during the day-long workshop. Based on the data submitted on the prescribed form and inspection & evaluation for star rating, three mines have been shortlisted from the region. These mines are: Maihar Cement Limestone Mines of Maihar Cement, Bitsara Limestone Mines of Dubas & Lime Co. Ltd and Mahgaon and Banamgaon Mines of ACC Ltd.

## Porbandar

The IBM Udaipur Regional office organised a Workshop on Star Rating System at Porbandar

on 10 June, 2016. Shri R.K. Sinha, CG, IBM was the chief guest at the programme. In his address, Shri Sinha reflected on the Government notification dated, 23, May 2016 on Sustainable Development Framework for Star Rating of Mines and said the Rating system, besides technical parameters, will rate the mines on community development, skill development and others.

Shri D.G. Patel, Deputy Commissioner of Pornbandar district attended the programme as guest of honour. He said that rating system being rolled out by the Mines Ministry was appropriately timed as public awareness was much higher compared to previous years. It would also bring transparency in evaluation of mines, he said. J. R. Chaudary, RCOM and others were present.



Shri R.K. Sinha, Controller General, IBM presents a copy of the Souvenir brought out as part of the Rajbhasha Technical Seminar on "Role of IBM in the Changing Scenario in Mineral Sector" to then Union Minister for Mines Shri Narendra Singh Tomar at New Delhi. The seminar was organised jointly by the Mineral Processing Division and Hindi Section of the department.

FITNESS MANTRA

# International Yoga Day observed in IBM

The Indian Bureau of Mines observed the 2nd International Day of Yoga on 21 June, 2016 in the Headquarters, Nagpur and all the Zonal, Regional and Sub-regional offices. At the Headquarters, a mass Yoga Demonstration was organised in support of the Janardhan Swami Yogabhyasi Mandal, Nagpur. The yoga classes were organised initially up to 30 June, 2016. The officers and staff of the department participated in the Yoga Day enthusiastically.

**Ajmer**

The Ajmer Regional office hosted a Yoga

Session on the International Yoga day. Regional Controller of Mines B.L. Kotriwala inaugurated the event. In his address, he said Yoga everyday boosted the mental and physical health of individual. A daily practice of Yoga was necessary along with maintaining a clean and healthy environment in office campus, he said. The officers and employees of the Regional office and the RODL, Ajmer took part in a Yoga session and practiced few aasanas under supervision of Yoga teacher, Kanhan Shekharan, who was presented with a certificate and memento.

**Goa**

The IBM Goa Regional office also celebrated Yoga Day with much fanfare. Shri Kamlesh Ulhas Bandekar, Principal Yoga Teacher (Goa Region) of Patanjali Yogpeeth was the chief guest. Shri Girish Kumar Jangid, DCOM inaugurated the programme, while Shri G.S. Kannan, JMG & Coordinator delivered the welcome address.

The programme started with chief guest planting a Cocunut sapling at the office premises. He emphasized on the basic principles of Yoga and its importance in day-

*Cont. on page 10*



The officers and employees led by Controller General Shri R.K. Sinha actively took part in the Yoga Day celebration at IBM HQ in Nagpur. (right) The officers and staff of Jabalpur office practicing a Yogic exercise on the International Yoga Day on 21 June, 2016.



Shri R.K. Sinha (centre), CG, IBM during the inauguration of two-day training programme on CRIRSCO Compliant Reporting organised by the Hyderabad chapter of the Mining Engineers' Association of India (MEAI) in Hyderabad. Dr. Harry Parker and Dr. Abani, faculty from the USA, T. Victor, President of MEAI & others are seen

MEAI MEET

## CG delivers talk on NMI

Shri R.K. Sinha, Controller General, IBM was the chief guest at the inauguration of the two-day training programme on "CRIRSCO Compliant Reporting" organised by the Hyderabad chapter of the Mining Engineers' Association of India (MEAI) during 10-11 June, 2016 in Hyderabad.

Shri Sinha who delivered a talk on "National Mineral Inventory of India and Reporting Systems" inaugurated the programme lighting the traditional lamp. In his keynote address, the Controller General appreciated the initiative of the organisers. He gave an overview of the National Mineral Inventory and the Reporting System to the

participants. Dr. A.K. Rai, Director of Atomic Minerals Directorate, S/Shri A.N. Sahay, former CMD (MCL), T. Victor, President of MEAI, V.S. Rao, T.S. Chowdary, Dr. S.K. Sarangi and other dignitaries from Mineral Industry were present.

Dr. Harry Parker and Dr. Abani, faculty from the USA, who made technical presentations on the CRIRSCO template and associated modules, also joined the inaugural event. Dr. P.V. Rao also gave a talk on CRIRSCO template during technical session. Sanjeev K. Sinha proposed the vote of thanks. The event was supported by FIMI, Geological Association of India, MGMI and SGAT.

## Mining Companies to partner for Swachh Bharat Mission

In order to accelerate the efforts to achieve Universal Sanitation and to put focus on sanitation in accordance with the Swachh Bharat Mission, the Indian Bureau of Mines has asked the mine owners to support the cause by adopting a village adjacent to their mines and make it Open Defecation Free (ODF), if open defecation practice exist in their neighbourhood.

All the Zonal and Regional Offices have been instructed to persuade the mechanized mines to adopt such villages which continue to face shortage of toilets. Accordingly, all the regional and

sub-regional offices have issued letters to the mine owners to partner with the Swachh Bharat Mission. The companies could take up the toilet project under the Corporate Social Responsibility (CSR) activities.

In a positive response, the Bharathi Cement Corporation, Cuddapa District, Andhra Pradesh said that four villages namely, Nallalingayapalli, Thurkapally, Pandilipalli and Agashthalingapalli was already adopted by the Company in 2015. The company which built 100 toilets in the year 2015 proposes to build another 100 toilets in the year 2016. More response are awaited.

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to-day life. Shri Kamlesh and his disciples Shri Damodar Deulkar and Prabhav Kamlesh Bandekar demonstrated practical Aasanas and Pranayam which was emulated by the officers and staff of the office.

### Jabalpur

In Jabalpur office, the officers and staff practiced various Aasanas under the guidance of Yogacharya Shri Sangram Singh Karchuli. The staff and officers participated enthusiastically.

### Kolkata

The Kolkata office also hosted to a programme to create awareness about the benefits of Yoga at the office premises. Yoga Teachers from Care Yoga, Shri Ratan Dey and Smt. Anima Das conducted a Yoga class for the officers and the employees. Shri B.P. Karketta, Senior Assistant Controller of Mines presided over the event.

In his address, Shri Ratan Dey said it was a proud moment for India that its ancient wisdom of Yoga was accepted worldwide. "People all over the world are accepting Yoga as a best exercise to stay physically fit. It gives happiness to note that it is celebrated as International Day," he said. Later, Madhumita Bhattacharya presented a vocal recital of Ravindra Sangeet. A health check up camp was also organised on the day. At the end of the Yoga day, the employees and officers took an oath to adopt Yoga in their daily routine.

Besides, the Bengaluru, Hyderabad, Chennai, Udaipur, Guwahati and other offices of IBM also observed the International Yoga day while holding the Yoga session.



Shri R.K. Sinha, Controller General, IBM lit the lamp for the final day function of the 24th MEMC Week celebrations held under the aegis of Dehradun Regional office on 10 April, 2016 at Panchkula, Chandigarh. The MEMC Week was observed between 13th March 2016 and 19th March, 2016 in which 22 mines comprising of six open cast mechanised mines, eight semi-mechanised mines and eight manual mines participated. Shri J.R. Chaudhary, RCOM & In-charge (NZ), IBM, Udaipur was the guest of honour. Shri Rakesh Sinha, Cluster Head, M/s ACC Ltd presided. K.S. Yadav, RCOM & Patron MEMCW Committee highlighted the achievements of Region.

## Grant of offshore licences annulled

The Indian Bureau of Mines (IBM) has annulled the notification issued under Sub Section 10 of OAMDR Act notifying 63 mineral-bearing offshore blocks for grant of exploration licences, vide S.O. 1341 (E) dated 7 June, 2010 as these blocks fall under the limits of Coastal Regulation Zone (CRZ), a statutory order issued by the Ministry of Environment and Forests (MoEF).

The Controller General, IBM who is the Administering Authority for the purposes of the Offshore Areas Mineral (Development and Regulation) Act, 2002, has issued an order to this effect on 30 June, 2016, which has been notified in the Gazette of India

dated 6 July, 2016. "As the 62 offshore blocks which were notified for grant of exploration licences vide S.O.1341(E) dated 9th June 2010, lie within the area identified as CRZ i.e. they lie within the territorial water limit of 12 nautical miles which attracts prohibition of mining (which means any operation undertaken for the purpose of winning any mineral) imposed by the statutory order dated 6.1.2011 issued by the Central Government," the order issued by CG, IBM reads and declares rescinding of all subsequent actions undertaken for grant of the 62 exploration licences.

IBM and the Mines Ministry are in the process of framing Revised OAMCR Rules.

## MCR 2016 notified

In a bid to speed up the mine auctions and pave way for hassle free transfers of ownership of mining lease or prospecting licence to eligible person in the event of ownership changing hands, the Mines Ministry has notified the Mineral Concession Rules 2016 under the Mines and Minerals (Development and Regulation) Amendment Act, 2015.

The New rules would also empower states to award mining lease through auctions in consultation with Indian

Bureau of Mines. "It shall bring transparency, clarity of terms, simplification of procedure and adhering to time limits in auction and transfers," Shri R.K. Sinha, Controller General opines and adds that the MCR 2016 comes with an enhanced role and responsibility for IBM.

Under the new rules, the IBM would continue to publish average price for all minerals and train state government officials for capacity building w.r.t disposal of Mining Plan.

## Symposiums

- Shri R.K. Sinha, Controller General attended the workshop organised by FICCI at New Delhi on 1 June, 2016 and delivered lecture on "Mineral Concession Rule 2016: Responsibility & Challenges of IBM."
- Shri R.K. Sinha, CG, IBM delivered Shri B.K. Anita memorial lecture on "Transformation of Indian Mineral Industry since Independence – Present Status and Way Forward" at Ahmedabad on 11 June, 2016.
- Shri R.K. Sinha, Controller General attended Seminar on "Sustainable Mining" organised by FIMI at Bhubaneswar on 11 May, 2016 along with S/Shri A.B. Panigrahi, COM & Prem Prakash, DCOM. Shri A.B. Panigrahi, COM presented a paper on "Regulatory Reforms in Mining Sector – Way Forward for IBM" to promote Make in India programme, jointly authored with Shri R.K. Sinha, CG, IBM.
- Shri R.K. Sinha, CG, IBM attended Seminar in presence of the Secretary (Mines) on "New Technology Management of Safety" organised by Geomintech on 12 May, 2016 at Bhubaneswar. S/Shri Panigrahi, COM and Dilip Jain, JMG also attended the event.
- Shri R.K. Sinha, Controller General, attended 27th Foundation day function of Jawaharlal Nehru Aluminium Research Development & Design Center (JNARDDC) as a chief guest on 29 April 2016 and delivered a lecture on "Make in India – Challenges for Aluminium Sector".
- Shri M. Biswas, RCOM participated in the conference on "Mining in Odisha" organised by Assocham at hotel Swosti Premium, Bhubaneswar on 20 May, 2016 and made presentation on Mines & Mineral (Development & Regulation) Amendment Act 2015 and its implication on Odisha.
- Shri Nagarajan, AO, New Delhi attended a Workshop cum Training programme on Legal Information Management and Briefing System (LIMBS) organised by the United States Department of Legal Affairs, Ministry of Law and Justice during 28-29 June, 2016 at the Indian Law Institute Building, New Delhi.

## Academic Excellence

Kaushik, son of S. Vijayalaxmi, Steno Grade-I, Indian Bureau of Mines, Chennai and V. Srinivasa Rangan has secured 48th rank in the Bachelor of Engineering in Electrical and Electronics Engineering under the Faculty of Electrical Engineering of Anna University, Chennai, the results for which were out in April 2016. Shri Kaushik passed out from Prince Shri Venkateshwara Padmavathi Engineering College, Chennai, affiliated to Anna University.

### Participation

Smt. S. Vijayalaxmi was part of the team which entered into Guinness Book of World Records for making largest Crochet Blanket of 11,148.5 sq. m.



*The women officers and staff of Indian Bureau of Mines during the International Women's Day celebration. (left) Smt. Vijaya Sinha lights the lamp during the inauguration of the Women's day. Shri R.K. Sinha, CG, IBM, Smt. Indra Ravindran, Director (OD), Smt. Neeru Kapai and Dr. Varsha Deshpande are seen.*

## GENDER EQUALITY

# Women's Day celebrated

**T**he Indian Bureau of Mines observed the International Women's Day at the Headquarters in Nagpur on 1 April, 2016.

Two eminent speakers, Smt. Neeru Kapai, Secretary of Sheila Education Society which runs NK Academy was the chief guest, while Dr. Varsha Deshpande, Assistant Professor in the Department of Law, Dr. Ambedkar College, Nagpur was the guest of honour. Shri R.K. Sinha, Controller General, IBM presided over the function. While, Smt. Vijaya Sinha, better half of the Controller General was invited as special guest. Both

were felicitated on the occasion.

In her address, Dr. Varsha Deshpande delivered a talk on the subject, "Planet 50-50 by 2030 – Step it up for Gender Equality" emphasising the need for bringing gender equality in the society. She spoke about various legislative measures taken in the recent past for protecting women rights including guidelines and law against Sexual Harassment of Women at Workplace and pros and cons of the same.

Smt. Neeru Kapai also shared her views on "Role of Men for Gender Equality by 2030" using power point presentation. She

said participation of women was essential to solve gender equality issues. On the occasion, seven women employees of IBM who are due for retirement during 2016 were felicitated. Shri Ivan Khess, Controller of Mines and other senior officers were present.

Smt Shashi Pasin handled logistic support for the event. Smt. Preeti Mishra compered the programme and Smt. Hemalata Pal proposed vote of thanks. Smt. Dhanshri Vairaghare coordinated the event. The programme concluded with National Anthem.

## Beneficiation Study on Gold Ore sample

A gold ore core sample from Parasi (East) block, Jharkhand was received from MECL, Jharkhand for gold recovery studies at Regional Ore Dressing Laboratory, Bengaluru from Mineral Exploration Corporation Ltd. The objectives of the investigation were to (i) carry out detailed chemical analysis and mineralogical studies on the as received sample and (ii) to recover gold by ore dressing techniques with maximum recovery.

The as received sample assayed 1.84 ppm Au, 5.65 ppm Ag, 71.3% SiO<sub>2</sub>, 9.34% Al<sub>2</sub>O<sub>3</sub>, 3.48% Fe(T), 0.19%Mn, 2.04%Na<sub>2</sub>O,

2.17% K<sub>2</sub>O, 3.61% CaO, 0.88% MgO, 0.009 % Pb, 0.005% Cu, 0.006 % Zn, 0.002 % Ni, 0.004 %CO, 0.73% S(T) and 3.06%LOI.

Pyrite, arsenopyrite, pyrrhotite and chalcopyrite are the main sulfide minerals present in very minor to trace amounts. Cherty quartz and sericite mica are the main gangue minerals present in major amounts. The as received sample ground to 150 mesh size and it was subjected to CIP process for 24 hrs leaching time using 10kg/t of NaCN, gave a recovery of 93.0% Au in carbon with residue assaying 0.09g/t of Au.

## Beneficiation Studies on Rock Phosphate

A Phosphate sample was received from Hirapur, Sagar District, Madhya Pradesh from M/s Samruddha Resources Ltd., Mumbai for beneficiation studies at Regional Ore Dressing Laboratory, IBM, Bangalore. The objective of the investigation was to develop a process to produce a phosphate concentrate suitable for use in phosphoric acid manufacture.

The sample assayed 20.97% P<sub>2</sub>O<sub>5</sub>, 38.25 % SiO<sub>2</sub>(T), 24.56 % CaO, 0.49 % MgO, 3.29 % Al<sub>2</sub>O<sub>3</sub>, 5.34 % Fe<sub>2</sub>O<sub>3</sub>, 0.03 % Na<sub>2</sub>O, 0.26 % FC, 5.94% reactive silica, 0.70% S, 0.06% S(py) 1.4%

fluorine, 0.07% Cl and 1.60% LOI. Apatite/collophane are the predominant minerals present in the sample with sub-ordinate amounts of cherty quartz and clay. Goethite, Hematite, Serpentine/talc, Carbonates and Sericite mica are also present. By adopting flotation beneficiation process, obtained the phosphate final concentrate assaying 35.29% P<sub>2</sub>O<sub>5</sub>, 8.38 % SiO<sub>2</sub>(T), 48.77% CaO, 0.39% MgO, 1.06% Al<sub>2</sub>O<sub>3</sub>, 1.40% Fe<sub>2</sub>O<sub>3</sub> and 0.86 % LOI with 46.3 wt% yield and P<sub>2</sub>O<sub>5</sub> recovery of 80.7%. A phosphate concentrate produced by flotation process is suitable for use in phosphoric acid manufacture.

### UN WORLD ENVIRONMENT DAY



The Chief guests at the Sanquelim Reclaimed mine in Goa. As part of the United Nations World Environment Day, M/s Vedanta Limited, Goa organised a programme at Sanquelim Reclaimed mine in North Goa on 5 June, 2016. Chief Minister Shri Laxmikant Parsekar was the chief guest, while S. Tiu, COM (SZ) and Dr. Y.G. Kale, RCOM, Goa were special guests. Shri Pratapsingh Rane, Leader of Opposition, MLAs from Goa were present. Shri Parsekar planted a sapling on the occasion. A visit to the working mines, reclaimed area was arranged. The Sanquelim Iron Ore mine is a mined out area which has been converted into a beautiful lake where pisciculture is done with the help of National Institute of Oceanography (NIO). The Mine Management has also developed various projects like Butterfly Park, Aromatic garden, Bamboo Pavilion, Bird Watching Centre etc.

## IBM-NRSC Project

The IBM has begun work on the two MoUs signed with National Remote Sensing Centre (NRSC), first, monitoring of mining activities using time series Satellite Imagery and Second, Capacity building and technical support for Lab establishment for Monitoring of Mining activities. A pilot study will be carried out for Tandur Limestone mines in Ranga Reddy district in Telangana and Gulbarga district in Karnataka and Iron and Manganese Ore mines in Karnataka. The DGPS survey work for both areas is taken up on priority basis. The ortho-rectification of ground control points is completed.

## Registration under Rule 45 of MCDR

The registration under Rule 45 of MCDR, 1988 has made good progress. Out of the 1912 working leases, 1888 leases have registered as on June, 2016. While, 1955 leases out of the 2527 non-working leases are registered. In total, 3843 leases are registered with the IBM. About 210 mines/leases are suspended. About 237 mines/leases are recommended to the state government for termination. Also, 10,692 end users, traders, stockiest and exporters are registered so far.

## Project on MTS

The fifth meeting of the Technical Evaluation Committee for selection of System Integrator for MTS was held on 1-3 June 2016 to evaluate the technical bids. Technical presentations & proof of concept (POC) demo were also taken up during the three day meetings. The technical evaluation is under process.

## Mineral Exploration

As per the guidelines from the office of Chief Controller of Mines, Nagpur, the Committee to Process Comprehensive Regional Mineral Exploration PL-cum-ML met on three occasions on 11 & 31 May, 2016 and on 21 June, 2016 and deliberated on prospective areas on the basis of Mineral Concessions i.e PLs (ineligible), Pending PLs and direct MLs applications. The recommendations of the Committee are being forwarded to COM (CZ), Nagpur for f.n.a.

## Rally marks 'Swachh Bharat Pakhwara'

As part of the "Swachh Bharat Pakhwara" organised at the Indian Bureau of Mines HQs in Nagpur and regional offices during, 16 – 30 June, 2016, an awareness rally was organised to spread the message of cleanliness on 23 June, 2016. The rally was attended jointly by the officers and employees of IBM and Mineral Exploration Corporation Ltd (MECL), Nagpur.

Shri R.K. Sinha, Controller General, IBM and Dr. Gopal Dhawan, Chairman & Managing Director of MECL led the rally. The



The officers and staff of Indian Bureau of Mines and Mineral Development Corporation Limited (MECL) taking out a joint rally as part of the Swachh Bharat Pakhwara held at IBM Headquarters to create awareness about cleanliness drive. Shri R.K. Sinha, CG, IBM and Dr. Gopal Dhawan, CMD, MECL led the rally.

### IMPROVED WORK CULTURE

## IBM holds Cleanliness drive

The Indian Bureau of Mines organised a week-long Cleanliness Drive between 23 May, 2016 and 31 May, 2016 as part of the nation-wide campaign. The drive was carried out at the HQ offices in Nagpur and all the Zonal, Regional and Sub-regional offices as well as Regional Ore Dressing Laboratories to ensure an improved work culture and work environment including hygiene and cleanliness of the work place.

The activities included special emphasis on cleaning of working areas, stairs, record rooms, store rooms, terraces, emergency exits, waste disposal ducts, cooling ducts, corridors, toilets etc and parking lots, roads within the office campus, garden areas and parking lots. At the Headquarter, work began with identifying untidy and cluttered work places and cleaning and upkeep of these places. Old files were stitched and relocated to record rooms. Emergency exits were cleared by removal of furniture, unused

officers and employees of both organisations held banners and placards with messages of Swachh Bharat and walked through the thoroughfares of Civil Lines, Nagpur. Various cleanliness activities were also taken up to mark the event. Shri Sinha and Shri Dhawan planted saplings at the premises of IBM during the conclusion of the rally. The officers and staff of the employees participated enthusiastically in the rally and Swachh Bharat Pakhwara.

items etc. To discourage the use of plastic during the meeting and training programmes, supply of Bottled Water is dispensed with since 16th May, 2016 and drinking water, in neat and clean glasses, was supplied to participants.

#### Regional/Sub Regional offices

Similarly, all Regional & Sub-Regional offices carried out cleanliness of the office premises, particularly emergency exits, unused corners, store rooms, record rooms etc. Some of the old records/files were weeded out and others were shifted to record rooms for future reference. The pot holes and low lying areas were filled to avoid rain water accumulation. Action was initiated for disposal of unused electrical items, furniture etc., preparing an inventory of them.

The employees also carried out cleanliness work of routine nature such as dusting files, cleaning of file racks and almirah, cleaning of computers and accessories, furniture. The officials were also provided with tips to save paper by way of reducing usage and for environment protection.

## Meetings Attended

- Shri R.K. Sinha, Controller General attended i) 2nd National Meet of Mining Ministers held at Jaipur on 27.5.2016 under the chairmanship of then Hon'ble Union Minister of Steel & Mines Shri Narendra Singh Tomar; ii) Attended meeting of Department Action Committee under Chairmanship of Secretary (Mines) on 31.5.2016 at New Delhi; iii) Attended as a chief guest at inaugural function of training programme for National Core Committee of MEAL at Hyderabad on 10 June, 2016; iv) Attended final day function of MEMC Week of Gujarat region at Jamnagar on 16 June, 2016; v) Attended meeting of Parliamentary Standing Committee of Science & Technology on Environment & Forest at New Delhi on 27 June, 2016; vi) meeting on Chromite & Ferro Chrome Industries chaired by the Secretary (Mines) on 2.5.2016 at New Delhi; vii) briefing meeting on Parliament Question at the residence of Hon'ble Minister at New Delhi on 8.5.2016; viii) Question Hour at Parliament House, New Delhi for Parliament Question on 9.5.2016; ix) NMET meeting under the Chairmanship of Secretary (Mines) on 9.5.2016 at New Delhi; x) meeting on Post auction Mining Clearances and approval Facilitator (PAMACAF) under the chairmanship of Secretary (Mines) on 10.5.2016 at New Delhi; xi) Governing Board meeting of NIMH under the Chairmanship of Secretary (Mines) at New Delhi on 22.3.2016; xii) the meeting with M/s Malbar Cements & DMG officials on Environment & Exploration issues at Kochi on 24.3.2016 along with Shri S. Tiu, COM; xiii) meeting with officials of KMML & IREL regarding exploration/exploitation of beach sand minerals, at Thiruvananthapuram (Kerala) on 26.3.2016 along with S. Tiu, COM; xiv) preliminary meeting with Secretary (Mines) and in Parliament House on Demand for Grants, at New Delhi on 28.3.2016; xv) meeting with Joint Secretary and other officials on Review & Restructuring of IBM on 29.3.2016 at New Delhi; xvi) Review and Restructuring meeting with ministry officials at Hyderabad on 31.3.2016; xvii) National Geo-Science Award Ceremony at Rashtrapati Bhavan on 5.4.2016 along with Shri A.B. Panigrahi, COM & Shri Abhay Agrawal, DCOM & TS; xviii) Domain Expert Committee meeting for "Uchhatar Abishkar Yojana at New Delhi on 5.4.2016; xix) CCEC Meeting under Chairmanship of Secretary (Mines) at Habitat Centre, New Delhi on 6.4.2016 along with S/Shri A. B. Panigrahi, COM, M. Biswas, RCOM, J.R. Chaudhary, RCOM, P.N. Sharma, RCOM, T.K. Rath, RCOM, Dr. Y.G. Kale, RCOM, Pankaj Kulshrestha, RCOM, V.J.K. Babu, RCOM, Arun Prasad, RCOM, K.S. Yadav, RCOM Abhay Agrawal, DCOM & TS and Darshan Deep Bharadwa, Sr. ACOM; xx) meeting with Pellet Manufacturing Association under Chairmanship of the Secretary (Mines) on 11.4.2016 at New Delhi along with Shri A.B. Panigrahi, COM; xxi) meeting with IBM & DGM (Chhattisgarh) officials regarding preparation for inaugural function of Raipur Regional Office on 17.4.2016 at Raipur; xxii) meeting on SDF Star Rating System organised by FIMI with the support of Ministry of Mines on 19.4.2016 at FIMI Bhavan, New Delhi along with S/Shri S. Tiu, COM & A.B. Panigrahi,

COM. The meeting was chaired by the Secretary (Mines), top officials of Government, Executives from Mining Industry as well as Bureaucrats, Scientists and Professors from IIT, ISM attended.

- Smt. Indira Ravindran, Director, Mineral Processing Division attended i) meeting & technical discussion with M/s Vedanta Chitradurga at Bengaluru on 20.4.2016; ii) meeting with Prof. Subramaniam, Department of Material Engineering on 23.4.2016 at IISc, Bengaluru; iii) discussion with Andhra Pradesh Mineral Development Corporation & M/s Maheshwari Mineral at Hyderabad on 22.4.2016.

- Shri S.K. Adhikari, Chief Mining Geologist attended meeting on Offshore Areas Mineral (Development & Regulation) Act, 2002 at Ministry of Mines, New Delhi on 21.4.2016, 3.5.2016, 19.5.2016, 20.5.2016 and on 8.4.2016.

- Shri A.B. Panigrahi, COM attended i) discussion with the Economic Advisor & Secretary (Mines) in connection with the meeting proposed to be held under the Chairmanship of Hon'ble Minister of MoEFCC & Union Minister of Mines; ii) Attended the meeting at MoEFCC to assist the Secretary (Mines) on 8 June, 2016 at New Delhi; iii) Attended meeting at NRSC Hyderabad to review of "Sudur Drishti project chaired by Secretary (Mines) on 9 June, 2016.

Shri A.B. Panigrahi, Controller of Mines i) visited Bhubaneswar Regional Office on 13.5.2016 and inspected Mahagiri Underground Chromite Mine of M/s IMFA to have a status report on experimental stope in lumpy Mahagiri Chromite band in Sukinda valley; ii) attended meeting with Chromite mining lessees of Sukinda valley to have first hand information about the likely impact of discontinuance of mining activities on expiry of leases in the year 2020 as per amended MMDR Act 2015. Also took stock of likely underground mining scenario in Sukinda valley in future; iii) conducted meeting with representatives of EZMA in presence of S/Shri M. Biswas, RCOM, Dr. M.K. Somani, RMG, Dilip Jain, JMG and other officers of Bhubaneswar Regional office on 1.4.2016 regarding availability of Iron Ore at reasonable price from miners, as requested by Pellate Manufacturers; Association of India (PMAI); iv) attended a meeting with the Principal Secretary, Steel & Mines, Government of Odisha regarding matter raised by the PMAI on 2.4.2016 along with M. Biswas, RCOM and Dilip Jain, JMG.

- Shri M. Biswas, RCOM, Bhubaneswar attended i) a meeting/video conferencing held on 22.4.2016 in State Secretariat in presence of Hon'ble Minister, Government of Odisha, Department of Steel & Mines; ii) meeting with Director of Mines on 3.5.2016 along with Shri Prem Prakash, DCOM regarding expediting exploration in partly explored area for auction; iii) a meeting with Director of Mines in connection with finalisation of mineral blocks to be explored up to G2 level through NMET fund along with Shri Prem Prakash DCOM on 16.5.2016 at Bhubaneswar. iv) meeting in the Steel Room of the State Secretariat regarding video conferencing in the presence of Hon'ble Minister, Steel & Mines, Government of Odisha.

- Shri Jayakrishna Babu, RCOM attended meeting at DMG office Bengaluru regarding rationalisation of royalty rates of Granites on 6.5.2016.

## BRAINSTORMING

# IBM, GSI officials' meet discuss beneficiation

**S**mt. Indira Ravindran, Director (Ore Dressing), Mineral Processing Division chaired a meeting with senior officers of MP Division and National Mission-II, Geological Survey of India, Nagpur and discussed various issues related to beneficiation of G2 mineral investigation/exploration samples.

Shri D. Mohan Raj, Dy. Director General & Head, NM-II, Shri Koteswar Rao, Dy. Director General, NM-II and Shri Tarafdar, Director (G), NM-II from Geological Survey of India, Nagpur also participated in the meeting and took stock of the status along with Director (OD), IBM. The discussion focused on sampling, size and quantity of exploratory or core samples to be submitted for mineral beneficiation for different commodities. GSI officials were apprised about receipt of G2 stage samples and the progress on beneficiation studies. Smt. Ravindran informed the visiting officers about correspondence made with GSI Central Headquarters, Kolkata and

requested for extending their laboratory facilities for analysis of beneficiation samples.

Dr. (Mrs) Sandhya M. Lal, CODO, Dr. Dillip R. Kanungo, Suptdg. Officer (OD) and Dr. V.A.J. Aruna, Suptdg. Officer (OD) from MPD, IBM were present during the meeting.

## Nominated

Shri V.A.J. Aruna, SO (OD) has been nominated as a member of the expert committee by Controller General, IBM for preliminary scrutiny of the project proposals received under Science & Technology programme of Ministry of Mines for evaluation by Project Evaluation and Review Committee (PERC) of Standing Scientific Advisory Group (SSAG). He has attended the meeting for preliminary scrutiny on 1 June, 2016 at New Delhi. The Committee scrutinised all projects as per the thrust areas mentioned in the guidelines and gave its recommendation.

## Anti-Terrorism day

**T**he Goa IBM office observed the Anti-Terrorism Day on 20th May, 2016. The officers and employees took a pledge in Hindi and English to mark the day.

The Anti-terrorisim day aims to generate awareness among all sections of people about the dangers of terrorism and violence and its effect on people, society and the country as a whole. The Anti-terrorism

day is observed to commemorate the death anniversary of former Prime Minister Shri Rajiv Gandhi. Dr. Y.G. Kale, RCOM, Goa administered the oath of pledge to the officers and the staff on the occasion.

The objective behind the observance of the day is to wean away the people from terrorism and violence and for keeping guard against the evil designs of those perpetrating the violence.



- Dr. Y.G. Kale, RCOM i) held meeting with Shri P. Sharma, Joint General Manager (Mineral Exploration (KIOCL) regarding exploration potential in the jurisdiction of Goa Regional office on 12.5.2016; ii) attended a meeting with a delegation of Goa Mineral Ore Exporters; Association, regarding charging of royalty on ROM and other Goan mining issues.

- Dr. Aruna, Suptdg. Officer (MPD) attended the video conference on scrutiny of three research proposals submitted to the Ministry of Mines, at

CGO Complex, Seminary Hills, Nagpur on 29.4.2016. Shri Prem Prakash, DCOM attended a meeting regarding Post auction Mining Clearance and Approval Facilitator (PMACAF) at Ministry of Mines, New Delhi on 10.5.2016.

- Dr. P.K. Jain, Sgm MG along with Shri A. Agrawal DCOM & TS and Shri D.S. Walde, ME & OIC, ME Dvision attended meeting at SBI Capital Office, New Delhi on 30.5.2016 to discuss the draft MCDR, 2016. Shri O.P. Gopal, SMG attended SGPB meeting of Maharashtra State on 6.5.2016 at Nagpur.

# राजभाषा तकनीकी सेमिनार का आयोजन



1) सेमिनार के उद्घाटन के दौरान दीप प्रज्वलन कर कार्यक्रम का उद्घाटन करती राष्ट्रीय प्रत्यक्ष कर अकादमी, नागपुर की प्रधान महानिदेशक (प्रशिक्षण) श्रीमती गुंजन मिश्रा तथा उपस्थित महानियंत्रक श्री आर.के.सिन्हा, अधीक्षण खनन भूविज्ञानी एवं राजभाषा अधिकारी डॉ. पी. के. जैन. 2) तकनीकी सेमिनार के अवसर पर सभा को संबोधित करते भा.खा.ब्यू. के महानियंत्रक श्री आर.के.सिन्हा तथा मंच पर उपस्थित राष्ट्रीय प्रत्यक्ष कर अकादमी नागपुर की महानिदेशक (प्रशिक्षण) श्रीमती गुंजन मिश्रा तथा उनके साथ अधीक्षण खनन भूविज्ञानी एवं राजभाषा अधिकारी डॉ. पी. के. जैन. 3) 'खनन क्षेत्र के बदलते परिदृश्य में भारतीय खान ब्यूरो की भूमिका' विषय पर स्मारिका का विमोचन करती राष्ट्रीय प्रत्यक्ष कर अकादमी नागपुर की महानिदेशक (प्रशिक्षण) श्रीमती गुंजन मिश्रा, भा.खा.ब्यू. के महानियंत्रक श्री आर.के.सिन्हा एवं अधीक्षण खनन भूविज्ञानी एवं राजभाषा अधिकारी डॉ. पी. के. जैन



भारतीय खान ब्यूरो मुख्यालय में 'खनन क्षेत्र के बदलते परिदृश्य में भारतीय खान ब्यूरो की भूमिका' विषय पर 16 मई 2016 को राजभाषा तकनीकी सेमिनार का आयोजन किया गया.

महानियंत्रक श्री आर. के. सिन्हा ने दीप प्रज्वलित कर राजभाषा तकनीकी सेमिनार का उद्घाटन किया . इस अवसर पर मुख्य अतिथि के रूप में राष्ट्रीय प्रत्यक्ष कर अकादमी, नागपुर की प्रधान महानिदेशक (प्रशिक्षण) श्रीमती गुंजन मिश्रा उपस्थित थीं . अन्य विशिष्ट उपस्थितों में अधीक्षण खनन भूविज्ञानी एवं राजभाषा अधिकारी डॉ. पी. के. जैन, उप महानिदेशक (सांख्यिकी) श्री के. थॉमस, खान नियंत्रक (मध्य) श्री ए. बी. पाणिग्रही एवं मुख्य सतर्कता अधिकारी श्री मनीष भीमटे का समावेश था. अपने अध्यक्षीय संबोधन में श्री आर. के. सिन्हा ने कहा कि तकनीकी विषयों पर राजभाषा हिंदी में सेमिनार आयोजित करना एक बड़ी उपलब्धि है. उन्होंने आशा

व्यक्त की कि अखिल भारतीय स्तर पर भी राजभाषा तकनीकी सेमिनार का आयोजन किया जाना चाहिए. उन्होंने तकनीकी शब्दों के हिंदी मानकीकरण पर बल देते हुए कहा कि तकनीकी शब्दों का अखिल भारतीय स्तर पर मानकीकरण किए जाने की आवश्यकता है.

समारोह की मुख्य अतिथि श्रीमती गुंजन मिश्रा ने सभा को संबोधित करते हुए कहा कि तकनीकी विषयों पर राजभाषा हिंदी में सेमिनार के आयोजन से खुशी होती है. उन्होंने खनन क्षेत्र के महत्व पर बल देते हुए कहा कि खनिज ही एक ऐसी वस्तु है जिसकी आवश्यकता हर घर में हर किसी को पड़ती है. खनिज से संबंधित विषयों पर तकनीकी सेमिनार का आयोजन अपने आप में एक बहुत बड़ी बात है. उन्होंने सेमिनार में भाग ले रहे सभी लेखकों से आह्वान किया कि वे इस सेमिनार में विचार-विमर्श कर कोई ठोस चीज सामने लाएं.

इस अवसर पर "खनन क्षेत्र के बदलते परिदृश्य में भारतीय खान ब्यूरो की भूमिका" विषय पर स्मारिका का विमोचन श्रीमती गुंजन मिश्रा के हस्ते तथा श्री आर.के.सिन्हा एवं श्री पी.के.जैन की उपस्थिति में किया गया.

इसके पूर्व राजभाषा अधिकारी डॉ. पी. के. जैन ने सभा के समक्ष स्वागत भाषण दिया एवं कार्यक्रम की संक्षिप्त रूपरेखा प्रस्तुत की. राजभाषा तकनीकी सेमिनार के उद्घाटन समारोह का संचालन उप-निदेशक (राजभाषा) श्री प्रमोद एस. सांगोले ने किया तथा धन्यवाद ज्ञापन हिंदी अनुवादक श्री असीम कुमार ने किया.

राजभाषा तकनीकी सेमिनार हेतु कुल 13 आलेखों का चयन किया गया तथा इन आलेखों का प्रस्तुतीकरण दो सत्रों में किया

गया. प्रथम सत्र के अध्यक्ष खान नियंत्रक (मध्य) श्री ए. बी. पाणिग्रही तथा रिपोर्टियर सहायक खनन भूविज्ञानी श्रीमती एम. निकम थे. द्वितीय सत्र की अध्यक्षता मुख्य अयस्क प्रसाधन अधिकारी डॉ. (श्रीमती) संध्या लाल ने की तथा इस सत्र के रिपोर्टियर खनिज अधिकारी श्री अरुण कुमार थे.

सेमिनार के प्रथम सत्र में कुल छः आलेख प्रस्तुत किए गए. जिसमें 'खनिज एवं खनन क्षेत्र का बदला स्वरूप' (डॉ. पी. के. जैन), 'खनन एवं खनिज सांख्यिकी प्रभाग की कार्य प्रणाली' (श्री एस. के. देशपांडे), 'खनिज के बदलते परिदृश्य में खनिज अर्थशास्त्र प्रभाग की भूमिका' विषय पर श्री गौरव कुमार शर्मा, श्री सुनील कुमार शर्मा एवं श्री विनय कुमार सक्सेना ने खनिज अर्थशास्त्र प्रभाग की स्थिति एवं कार्य पर प्रकाश डालते हुए इस प्रभाग के विभिन्न इकाइयों का वर्णन किया है.

चौथा आलेख 'राष्ट्रीय खनिज सूची का महत्व एवं विश्लेषण' श्री चंद्रशेखर तिवारी एवं श्री सुनील कुमार शर्मा द्वारा प्रस्तुत किया गया. पाँचवां आलेख श्री गिरीष बड़े द्वारा प्रस्तुत किया गया जिसका शीर्षक था, 'अवैध खनन एवं परिवहन के प्रतिबंध, नियंत्रण तथा अवरोधन में भारतीय खान ब्यूरो का योगदान'. प्रथम सत्र का छठा आलेख 'खनिज क्षेत्र के बदलते परिपेक्ष्य में केंद्रीय पुस्तकालय, भारतीय खान ब्यूरो-चुनौतियां एवं उपाय' श्री विनय कुमार सक्सेना एवं श्री सत्यानंद पांडेय द्वारा प्रस्तुत किया गया है.

सेमिनार के द्वितीय सत्र में कुल सात आलेख प्रस्तुत किए गए जिसमें 'सुकिंदा क्रोमाइट - विहंगावलोकन' श्री महेन्द्र कुमार सोमानी द्वारा प्रस्तुत किया गया. 'भारत का क्रोमाइट भंडार एवं उनका आकलन' के लेखक श्री डी. डब्ल्यू. बेक एवं डॉ. शैलेन्द्र शमी हैं इसमें भारत के क्रोमाइट भंडार की जानकारी दी गई है.

द्वितीय सत्र का तीसरा आलेख 'जस्ता धातु का उत्पादन - भारत में बदलता परिदृश्य' में लेखक श्री मुजीब उद्दीन सिद्दीकी एवं श्री जयपाल पडोले ने भारत में जस्ता उत्पादन की विस्तृत जानकारी दी तथा साथ ही जस्ता की प्रकृति के बारे में बताया. चौथा आलेख 'जस्ता अयस्क भंडारों के लाभकारी दोहन हेतु न्यूनतम ग्रेड' के लेखक डॉ. शैलेन्द्र शमी और श्री सुनील कुमार शर्मा हैं. 'लोह अयस्क एवं इस्पात की मांग एवं मूल्य से संबंधित मुद्दे' के लेखक डॉ. पी. के. जैन ने बड़े ही विस्तार में लोह अयस्क एवं इस्पात की मांग एवं मूल्य से संबंधित मुद्दे को वैश्विक एवं भारतीय परिदृश्य में दिखाया है. निम्न श्रेणी ताम्र अयस्क (कॉपर ओर) का सज्जीकरण' विषय पर आलेख संयुक्त रूप से श्रीमती इंदिरा रवीन्द्रन, डॉ. संध्या लाल, डॉ. वी. ए. जे. अरुणा, श्रीमती भाविका रामटेके, श्री पी. पी. पाठक एवं कु. प्रथमा दिवाकर द्वारा प्रस्तुत किया गया. सेमिनार का अंतिम आलेख श्रीमती इंदिरा रवीन्द्रन, डॉ. संध्या लाल, श्री जे. पी. मिश्रा एवं श्री एम. जी. राउत द्वारा प्रस्तुत किया गया जिसका शीर्षक था, 'औद्योगिक खनिज (चूना पत्थर)'.  
सेमिनार में सभी लेखकों ने अपने आलेख पावर प्वाइंट द्वारा बहुत ही सुंदर एवं रोचक ढंग से प्रस्तुत किए.



1) अजमेर स्थित कार्यालय में योगाभ्यास करते अधिकारी एवं कर्मचारी. 2) कोलाकाता कार्यालय में योगा दिवस पर योगासन करते अधिकारी एवं कर्मचारी. 3) पतंजलि योगपीठ के श्री. कमलेश उल्लास बांडेकर गोवा क्षेत्रीय कार्यालय में आयोजित योग दिवस के अवसर पर व्याख्यान देते हुये.

## योग दिवस पर विभिन्न कार्यक्रम

21 जून वर्ष का सबसे लंबा दिन होता है उसी प्रकार योग भी मनुष्य को दीर्घायु प्रदान करता. इसी तथ्य के मद्देनजर गत वर्ष से हर वर्ष अंतर्राष्ट्रीय योग दिवस 21 जून को मनाया जा रहा. भारतीय खान ब्यूरो में मुख्यालय, क्षेत्रीय कार्यालय, उप-क्षेत्रीय कार्यालय एवं क्षेत्रीय खनिज प्रसंस्करण प्रयोगशाला में योग दिवस पर विभिन्न कार्यक्रमों का आयोजन किया गया.

कोलकाता क्षेत्रीय कार्यालय: मुख्यालय से प्राप्त निर्देशानुसार 21 जून 2016 को कोलकाता क्षेत्रीय कार्यालय में योग दिवस मनाया गया. प्रातः 11 बजे वरिष्ठ खान नियंत्रक श्री बी.पी.केरकेटा की अध्यक्षता में केयर योगा के योग प्रशिक्षक श्री रतन दे तथा श्रीमती अनिमा दास ने योगाभ्यास तथा योग पर महत्वपूर्ण व्याख्यान दिए.

अपने व्याख्यान में श्री रतन दे ने कहा कि यह हमारे लिए गर्व की बात है कि हमारी भारतीय संस्कृति से जुड़ा योग आज अंतर्राष्ट्रीय स्तर पर फैल चुका है और सभी लोग इसे सहर्ष अपना रहे हैं. उन्होंने आगे कहा कि बढ़ते प्रदूषण तथा मानसिक दबाव से बचने के लिए यह अत्यंत आवश्यक है कि सभी अपने दैनिक जीवन में कम से कम आधा घंटा निकालकर योग करें तथा स्वयं को स्वस्थ बनायें.

तत्पश्चात श्री रतन दे ने योग के विभिन्न आसनों को स्वयं तथा अपनी शिष्याओं के माध्यम से करके दिखाया तथा श्रीमती अनिमा दास ने कार्यालय के सभी पदाधिकारियों से अभ्यास कराया.

योगाभ्यास के कार्यक्रम के पश्चात श्रीमती मधुमिता

भट्टाचार्या ने अपनी मधुर आवाज में रवींद्र संगीत प्रस्तुत किया. संगीत कार्यक्रम में कार्यालय के श्री हीरक दत्ता, एम.टी.एस. ने तबले पर संगत दी. मध्याह्न भोजन के पश्चात डॉ. मृत्युंजय साहा, डी.एम.एस., एफ.डब्ल्यू.टी. (कोल) ने उपस्थित सभी पदाधिकारियों का स्वास्थ्य परीक्षण किया. इसके पश्चात कार्यालय के सहायक खनन अभियंता श्री श्रीधर रजवार ने आयुष मंत्रालय द्वारा योग पर जारी डीवीडी का प्रदर्शन किया. योग दिवस के अंत में सभी पदाधिकारियों ने दैनिक जीवन में योग को अपनाने की प्रतिज्ञा ली.

अजमेर क्षेत्रीय कार्यालय: मुख्यालय से प्राप्त निर्देशानुसार ब्यूरो के अजमेर स्थित क्षेत्रीय कार्यालय, क्षेत्रीय खनिज प्रसंस्करण प्रयोगशाला एवं उत्तरांचल कार्यालय के संयुक्त तत्वावधान में नसीराबाद स्थित कार्यालय में 21 जून को योग दिवस मनाया गया.

कार्यक्रम की शुरुआत क्षेत्रीय खान नियंत्रक श्री बी.एल. कोटडीवाला के भाषण से हुई. उन्होंने कहा कि कार्यस्थल पर कार्य करने के दौरान स्वच्छ एवं स्वस्थ वातावरण के निर्माण के साथ-साथ समस्त कार्मिकों के तन-मन शुद्धिकरण के ध्येय से योगाभ्यास जरूरी है. तीनों कार्यालय के अधिकारी एवं कर्मचारियों ने श्रीमती कांचन शेखरन के निर्देशन में सामूहिक योग अभ्यास किया. इस अवसर पर श्री बी.एल.कोटडीवाला ने योग प्रशिक्षक श्रीमती कांचन शेखरन को स्मृति चिन्ह देकर सम्मानित किया.

अधीक्षण अधिकारी (अ.प्र.) श्री बसवराज करडकल के आभार प्रदर्शन के साथ कार्यक्रम का समापन हुआ.



पोरबंदर में आयोजित तारक मूल्यांकन पद्धति पर परामर्शीय कार्यक्रम अवसर पर दीप प्रज्वलित करते पोरबंदर के जिलाधिकारी श्री डी.जी.पटेल तथा उपस्थित भारतीय खान ब्यूरो के महानियंत्रक श्री आर.के.सिन्हा एवं उदयपुर क्षेत्रीय कार्यालय के क्षेत्रीय खान नियंत्रक श्री जे.आर.चौधरी.

## तारक मूल्यांकन पद्धति पर पोरबंदर में परामर्शीय कार्यक्रम

खान मंत्रालय के निर्देशानुसार भारतीय खान ब्यूरो के तत्वावधान में राज्य के खनन पट्टा धारकों के लिए संधारणीय विकास तंत्र के अंतर्गत खानों की तारक मूल्यांकन पद्धति (स्टार रेटिंग सिस्टम) पर परामर्शीय कार्यक्रम 10 जून 2016 को पोरबंदर में आयोजित किया गया था. इस कार्यक्रम में भारतीय खान ब्यूरो के महानियंत्रक श्री आर.के.सिन्हा प्रमुखता से उपस्थित थे. उन्होंने अपने संबोधन में कहा कि संधारणीय विकास तंत्र की तारक मूल्यांकन पद्धति भारत सरकार के खान मंत्रालय द्वारा 23 मई 2016 को जारी नोटिफिकेशन के आधार पर की जानी है, इस मूल्यांकन पद्धति द्वारा तकनीकी विवरण के अतिरिक्त आस पास के क्षेत्रों में कम्यूनिटी डेवलपमेंट, स्किल

डेवलपमेंट आदि विषयों पर किए गए कार्य का मूल्यांकन किया जाएगा. इस कार्यक्रम में पोरबंदर के जिलाधिकारी श्री डी.जी.पटेल विशिष्ट अतिथि के रूप में उपस्थित थे. जिलाधिकारी श्री पटेल ने बताया कि आज देश का प्रत्येक नागरिक जागरूक है, और ऐसे में स्टार रेटिंग सिस्टम बहुत प्रासंगिक है क्योंकि इस प्रकार कि प्रणाली द्वारा विभिन्न खनन पट्टाधारकों के कार्यों का मूल्यांकन पारदर्शी तरीके से किया जा सकेगा.

उदयपुर क्षेत्रीय कार्यालय के क्षेत्रीय खान नियंत्रक श्री जे आर चौधरी ने स्टार रेटिंग टैब्लेट को भरने के बारे में विस्तृत जानकारी दी. इस कार्यक्रम के दौरान सौराष्ट्र सीमेंट लिमिटेड

के श्री प्रशांत देशपांडे द्वारा तारक मूल्यांकन के भरे प्रपत्र पर प्रस्तुतीकरण किया गया. इसके अतिरिक्त, कोवाया लाईमस्टोन माईंस के विवेक उप्पाचीवार तथा हिंदुस्तान जिंक लिमिटेड के श्री राजीव वोरा ने भी स्टार रेटिंग पर प्रस्तुतीकरण दिया. इस कार्यक्रम में सौराष्ट्र सिमेंट लिमिटेड के सहायक वाइस प्रेसिडेंट श्री ए एस राठोर ने विचार व्यक्त किए. इस कार्यक्रम में लगभग 50 खनन पट्टाधारकों के प्रतिनिधियों ने भाग लिया व भारतीय खान ब्यूरो द्वारा इस विषय पर आवश्यक परामर्श दिया गया. इस कार्यक्रम का संचालन भारतीय खान ब्यूरो के उप खान नियंत्रक श्री पुष्पेंद्र गौड ने किया.

## गोवा: राजभाषा हिंदी कार्यशाला का आयोजन

राजभाषा नीति के क्रियान्वयन के अनुपालन के उद्देश्य से गोवा क्षेत्रीय कार्यालय में 29 तथा 30 जून 2016 को दो दिवसीय राजभाषा हिंदी कार्यशाला का आयोजन किया गया. उद्घाटन समारोह के अध्यक्ष क्षेत्रीय खान नियंत्रक डॉ. वाई. जी. काले ने दीप प्रज्वलित कर राजभाषा हिंदी कार्यशाला का विधिवत् उद्घाटन किया. अपने अध्यक्षीय संबोधन में डॉ. वाई. जी. काले ने राजभाषा हिंदी तथा अन्य भारतीय भाषाओं के महत्व पर विस्तार से प्रकाश डालते हुए कहा कि भाषा और संस्कृति परस्पर रूप से जुड़ी हैं और अपनी संस्कृति एवं अपनी भाषा के प्रति सम्मान का भाव रखना हम सभी भारतीयों का कर्तव्य है. साथ ही हिंदी के लिए किए गए संवैधानिक प्रावधानों का निर्वहन भी हमें पूरी प्रतिबद्धता से करना चाहिए. इस अवसर पर हिंदी संपर्क अधिकारी एवं वरिष्ठ सहायक खान नियंत्रक श्री जी.राम ने अपने संबोधन में हिंदी कार्यशाला के महत्व पर प्रकाश डाला तथा प्रतिभागियों को हिंदी के प्रगामी प्रयोग के प्रति प्रोत्साहित किया. इस कार्यशाला में उद्घाटन तथा समापन समारोह सहित कार्यालयीन उपयोग से संबंधित दस पाठ आयोजित किए गए.

राजभाषा नीति, देश व गोवा राज्य में खनन की स्थिति, प्रशासनिक और तकनीकी टिप्पणआलेखन, अनुवाद, वाक्य संरचना एवं वाक्य शुद्धि तथा यूनिकोडवॉयस टंकण आदि विषयों पर आंतरिक संकायों के रूप में डॉ.वाई.जी.काले, श्री जी. राम, हिंदी अनुवादक श्री आर. सी. महतो, तथा कार्यालय

अधीक्षक श्री एम.एन.प्रसन्नन ने सहभागियों को जानकारी प्रदान की. जबकि बाह्य संकायों के रूप में गोवा स्थित कॉमर्सेल कॉलेज की प्राध्यापक डॉ. लता शिरोडकर और राष्ट्रीय समुद्र विज्ञान संस्थान, दोना पावला के हिंदी अधिकारी डॉ. राकेश शर्मा द्वारा बहुमूल्य जानकारी हिंदी कार्यशाला में प्रदान की गई.

समापन समारोह के अध्यक्ष के रूप में संबोधित करते हुए डॉ. वाई. जी. काले, क्षेत्रीय खान नियंत्रक ने कहा कि अपने विचारों को अभिव्यक्त करना जहां अपनी मातृभाषा में सुगम है, वहीं विविध भाषाओं वाले इस देश की सटीक अभिव्यक्ति का माध्यम हिंदी ही हो सकती है. भारत में विविधता में एकता को मजबूत करने वाली इस सरल सुबोध भाषा के प्रयोग को बढ़ाने के लिए एक ओर इलेक्ट्रॉनिक मीडिया अनजाने में अतुल मदद कर रहा है वहीं दूसरी ओर सरकारी और स्वैच्छिक संस्थाओं द्वारा प्रबल प्रयास किए जा रहे हैं. इन प्रयासों में हमें अपना भी सर्वोत्तम प्रयास करना चाहिए और अपने योगदान पर गर्व करना चाहिए.

राजभाषा हिंदी कार्यशाला के समापन समारोह की मुख्य अतिथि डॉ. लता शिरोडकर ने अपने संबोधन में इस बात पर बल दिया कि इस कार्यालय में कामकाज और बोलचाल में हिंदी की प्रमुखता को देखते हुए यह आशा, विश्वास में तब्दील हो जाती है कि वह दिन दूर नहीं जब संविधान की संकल्पना के अनुरूप संपूर्ण सरकारी कामकाज हिंदी में होने लगेगा.

## हिन्दी अनुभाग द्वारा किए गए कार्यों का विवरण

हिन्दी अनुभाग राजभाषा हिन्दी को बढ़ावा देने और अधिक से अधिक कार्य हिन्दी में करने के लिए प्रयत्नरत है. हिन्दी अनुभाग द्वारा मुख्यालय स्थित अन्य प्रभागों/ अनुभागों से अनुवाद हेतु प्राप्त सामग्री, तकनीकी एवं प्रशासनिक पत्रों का अनुवाद किया गया. मुख्यालय में हिन्दी शिक्षण योजना के तहत पारंगत प्रशिक्षण की कक्षाएं चलाई गईं. जिसमें कुल 30 अधिकारियों एवं कर्मचारियों ने प्रशिक्षण प्राप्त किया. मंत्रालय से प्राप्त कोयला एवं स्टील पर स्थायी समिति से संबंधित 25 पृष्ठों की रिपोर्ट का हिन्दी अनुवाद किया गया एवं उसे टंकण कर प्रेषित किया गया. मुख्यालय में महानियंत्रक श्री आर.के.सिन्हा की अध्यक्षता में 30 मार्च 2016 को 67वीं एवं 21 जून 2016 को 68वीं विभागीय राजभाषा कार्यान्वयन समिति की बैठक का आयोजन किया गया. भारतीय खान ब्यूरो मुख्यालय में 16 मे 2016 को एक दिवसीय राजभाषा तकनीकी सेमिनार का आयोजन किया गया जिसमें 13 आलेख प्रस्तुत किए गए. इस अवसर पर स्मारिका का भी विमोचन किया गया. तारांकन निर्धारण प्रणाली से संबंधित पुस्तिका के संदेश के 5 पृष्ठों का अनुवाद किया गया. इसके साथ ही अपतट क्षेत्र खनिज (विकास एवं विनियमन) 2002 से संबंधित आदेश के 6 पृष्ठों का भी अनुवाद किया गया. अराजपत्रित अनुभाग से प्राप्त भंडार लिपिक परीक्षा से संबंधित परिपत्र के 6 पृष्ठों का अनुवाद कर टंकण कर प्रेषित किया गया. मुख्यालय के खनिज अर्थशास्त्र प्रभाग, खनन एवं खनिज सांख्यिकी प्रभाग, भंडार अनुभाग तथा तकनीकी सचिव अनुभाग का राजभाषा कार्यान्वयन संबंधी निरीक्षण किया गया एवं तत्संबंधी रिपोर्ट उन्हें भेजी गई.