
finalise its recommendations.

Ministry of Mines vide its letter No. 3/3/2011-MVI dated 4th February, 2013 has extended the tenure of the Study Group for submission of the report from 1.8.2012 to 31.3.2013 under the chairpersonship of Special Secretary (Mines). The Ministry of Mines vide office Memorandum No. 3.3.2011-MVI (Pt-1) dated 10th April, 2013 has again extended the tenure of the Study Group on revision of rates of royalty and dead rent for major minerals (other than coal, lignite and sand for stowing) for submission of its report from 1.4.2013 to 30.6.2013.

Mines and Mineral (Development and Regulation) Act, 1957 and Rules made thereunder

Subsequent to the notification of Rule 45 of Mineral Conservation Development Rules, 1988, issued vide GSR 75 (E) dated 9.2.2011, certain amendments were suggested and sent to Ministry for approval.

7.12 Central Library

The Central Library of Indian Bureau of Mines, Nagpur comes under the category of "Special Library" and is dedicated to specialized subjects like Mining and Geology. The library has a rich collection of valuable publications on mineral economics, geo-economics, mineral processing, mining research and environmental engineering.

Some of the books dates back to as early as 1948 and have found wider interest among the users from various divisions of IBM. The exhaustive collection includes all information forms such as published and unpublished reports of various ministries, organisations, industrial houses banking sector, records, bulletins, maps, atlases, symposium/seminar proceedings, CDROMs etc. The gazette notifications and administrative collections are also well maintained for the benefit of users. Central library acts as knowledge hub by maintaining "OPEN ACCESS SYSTEM" for users for free and unrestricted search.

The total collection of books and publications has crossed 95,000. During for 2012–13, 10,509 publications, including gazettes, annual reports and periodicals were received at the library on subscription as well as exchange/complimentary basis.

As on 31 March 2013, 429 readers borrowed various publications in 2012-13. Academicians, research scholars, students and executives from other institutions also utilized library facilities.

For the benefit of its users, Library compiled subject-wise bibliographies, provided index for all technical subjects for all IBM publications, Annual Reports, Gazette Notifications and Administrative matters. Also, it helped readers by providing paper copies, including copies for outsiders on payment basis and information on reference enquiries.

Every year Library Committee Meeting is held for procurement of library publications such as Technical Journals, Administrative as well as Hindi publications. The committee members are nominated from different divisions of Bureau.

Activities and Services

Library provides following services:

- Issue of publications to the IBM borrowers on a time limit (after being member)
- Reference/information/documentation service.
- Indexing of articles from technical journals.
- Current Awareness Service a) News Clipping File (marking and compilation of news items from newspapers). b) GEM-Current Content (Compilation of front page and content page of technical journals.)
- Reprographic Service
- E-cataloguing the available and select books and upload it to the library server with the help of library software, "Libsys."
- Facility of referring publications to non-members of IBM such as academicians, research scholars, students and executives from institutions/organizations

Libsys LAN version 4.0 is installed on library server with the network of Server-Client Infrastructure.

About 260 books and 225 articles have been entered through LibSys software during the year. The total entries in the database include 33855 book entries and 17887 journals article entries. The Online Public Access Catalogue (OPAC) is available for easy search of references / publications.

7.13 Publication Section

The Publication Section more or less functions as a full-fledged Publishing House of IBM operating within the precincts and responsibilities of the Bureau. IBM disseminates the data/information on mines and minerals through its publications. The Publication Section of IBM constitutes Editorial, Production & Printing and Binding units. The functions include editing, designing & formatting and publishing of technical literature in the form of Indian Minerals Year Book and various other periodicals, technical bulletins, monographs and others.

The Section is also responsible for complimentary distribution and sale of publications, signing of agreements with organizations in India and abroad for formal exchange of publications.

Thus, Publication Section fulfils the designated function of producing and disseminating information as chalked out for it in the Charter of Functions of the IBM through its in-house Press.

The Section continued to provide editorial and in-house printing services for the Department's publications. The in-house Press printed approximately 14 lakhs page impression for various publications, reports, publicity brochures etc. during the year ended 31st March 2013. A list of publications released during 2012-13 is placed at **Annexure VII**.

It generated a revenue of ₹ 6,28,349 /- through sale of publications in 2012-13.



8. MINING AND MINERAL STATISTICS DIVISION



Shri Thomas (second from left), Deputy Director General (Statistics), IBM at the Statistics Day celebration organised at IBM headquarters, Nagpur. Shri Saji George (first from left), Joint Director, Statistics and others are seen.

The Mining and Mineral Statistics (MMS) Division functions as the Nation's Data Bank on Mines and Minerals. The Division is responsible for collection, compilation, analysis, interpretation and dissemination of statistical information on various economic activities on mines and minerals. It caters to the needs of the Central and State Governments, Planning Commission, Central Statistical Organisation, research and educational institutes, United Nations, other foreign organisations and private agencies. As per the Special Data Dissemination Standards laid down by IMF, this Division supplies monthly index of mineral production to Central Statistical Organisation (CSO) for computation of index of industrial production in the country. This division is headed by Deputy Director General from ISS Cadre and comprises of officers/officials of ISS & SSS Cadre and supported by Ministerial staff from IBM. During the year 2012-13, the following work was carried out:

Database Management and Computerisation

8.1 Mines Cum Production (MCP) Database

MMS Division receives monthly and annual returns in 16 prescribed formats under Rule 45 of MCDR, 1988 from about 3000 mines regularly.

Data entry and verification of 2337 Annual Returns received under MCDR for the year 2011-12 was completed. Outputs for the year 2010-11 and 2011-12 relating to labour, production, stocks and value were generated. Computerisation of monthly returns for the year 2012-13 was taken up.

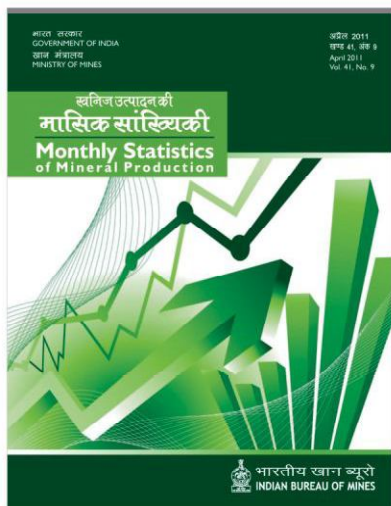
Data entry and verification of data received in 27075 monthly returns were completed and provisional monthly statements generated for the year 2012-13. The Directory of Mines as on 31.03.2012 contains 2951 reporting mines. A number of application software packages using SQL were developed to generate outputs from the MCP database.

8.2 External Trade Database

Data on external trade are collected from the Directorate General of Commercial Intelligence and Statistics (DGCI&S) in accordance with Indian Trade Classification based on Harmonized Commodity Description and Coding System. The data is collected annually in respect of more than 1300 commodities which cover minerals, metals and selected mineral-based products. Export and Import data of minerals, metals and selected mineral-based products received from DGCI&S for the year 2011-12 was processed and about 500 statements were generated.

Publications

8.3 Monthly Statistics of Mineral Production (MSMP)

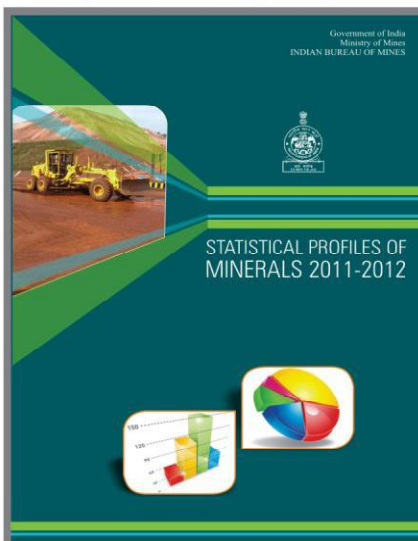


This monthly publication MSMP contains information like Index of Mineral Production, state-wise mineral production and value, average sale price of minerals by grades etc. During the year, 11 issues of the publication for the months of November 2011 to September

2012 were released.

8.4 Statistical Profiles of Minerals (Annual)

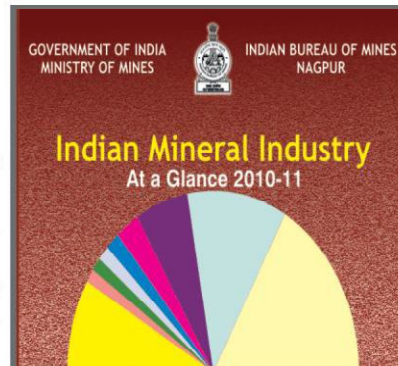
This publication gives a bird's eye view of most of the vital aspects of major minerals (except fuels and atomic minerals) produced in India. It contains information on production, value and stocks of minerals, labour employment and number of reporting mines for the current year.



Besides, data on reserves, mining leases, life index of mineral resources, export and import of minerals are incorporated for the latest available year. The issue for 2010-11 has been released and printing of 2011-12 issue is under progress.

8.5 Indian Mineral Industry at a Glance (Annual)

It is a pictorial publication providing time series data on production of minerals, metals and mineral-based products, consumption of minerals, labour employment and external trade.



In addition, detailed information on mining machinery, consumption of explosives, mining leases and afforestation in metalliferous mines are also presented for the latest year. The issue for 2009-10 has been released, 2010-11 issue is under printing and 2011-12 issue is under preparation.

8.6 Indian Minerals Yearbook (annual)

Statistical tables with reviews on national income, production, stocks, labour, exports, imports and prices covering major minerals, fuel minerals, minor minerals and metals along with detailed figures at the district and state level were prepared for incorporating in the IMYB 2012 issue.

Statistical Reports and Data Dissemination

8.7 Reports on estimated value of monthly mineral production for March, 2012 to February, 2013 were sent to the Ministry of Mines for preparation of Monthly Cabinet Review Note on mineral industry.

8.8 Press Note on Monthly Mineral Production for February, 2012 to January 2013 was prepared and sent to the Ministry of Mines.

8.9 Material for answering 103 Parliament Questions giving information on various parameters like production, value, number of mines, labour, dispatches, stocks, exports, imports, etc; was prepared and supplied to other divisions/Ministry.

8.10 Ex-mine prices of 19 mineral grades for the months of February, 2012 to January 2013 were sent to the Ministry of Commerce and Industry, for computation of Wholesale Price Index.

8.11 Finalised the state wise average sale price for specified minerals for which royalty is chargeable on ad valorem basis and not linked to any international benchmark prices. LME prices for the period up to August, 2012 (up to November 2012 for iron ore) were sent for hosting on the website of IBM.

8.12 MMS Division is also engaged in collection, compilation and dissemination of production details of fuel minerals, minor minerals and ferrous and non-ferrous metals and also prices of minerals and metals in the domestic as well as in the international market.

8.13 Data on different aspects of minerals and metals were provided to the Central and State Governments, Central Statistical Organisation, MMTC, Railway Board, private agencies and foreign organisations as and when requested by them.

8.14 Information on production, value, stocks, dispatches, number of mines, index of mineral production, etc. was supplied to CSO, for inclusion in their publication namely: Statistical Abstract, Monthly Abstract of Statistics, Compendium of Environment Statistics, Directory of Statistics, India in Figures, Statistical Pocket Book, etc.

Data on input cost was also sent to CSO for computation of National Income in respect of mining & quarrying sector for the year 2009-10 and 2010-11.

8.15 Mineral-wise deductible rates of all minerals for 2008-09 and 2009-10 were provided to all State Governments for computation to State Domestic Product. Information on district-wise and mineral-wise number of mines, production and value was also sent to all State Governments for the years 2008-09 to 2010-11.

8.16 Growth in mining & quarrying sector

The total value of mineral production (excluding atomic mineral) during 2012-13 (estimated) was ₹ 250535 crore, showing a decrease of 2.3% over previous year. The fuel minerals accounted for ₹ 172167 crore or 68.72 percent, metallic minerals ₹ 43592 crore or 17.40 percent, non-metallic minerals (including minor minerals) ₹ 34776 crore or 13.88 percent of the total value. This was mainly due to low production of natural gas, petroleum (crude), gold, chromite, iron ore, manganese ore, phosphorite, kaolin and magnesite. However, the production of some important minerals like coal, lignite, bauxite, barytes, dolomite and limestone have increased during the year.

The index of mineral production (base 2004-05=100) for the year 2012-13 was 125.46, which shows a negative growth of 2.33% over that of 2011-12.

ANCILLARY STATISTICS

8.17 External Trade

Export and import data of minerals, metals and selected minerals based products for the year 2011-12 was collected from the Directorate General of Commercial Intelligence & Statistics. The data thus collected were processed and above 500 statements were generated.

8.18 Minor Minerals

Information on quantity and value of production of minor minerals was collected on non-statutory basis from all the States and Union Territories. Data in respect of 24 minor minerals for the year was processed and finalised.

8.19 Fuel minerals

Data on monthly production of coal and lignite was collected from the office of the Coal Controller, Kolkata and similar data for petroleum (crude) and natural gas was collected from the Ministry of Petroleum & Natural Gas. These data were used for computation of index of mineral production and also for inclusion in the IMYB and other publications of IBM.

8.20 Statistics Day-Year 2012

“Statistics Day” was celebrated on 29.06.2012 as declared by Government of India on the occasion of birth anniversary of (Late) Prof. P. C. Mahalonabis at IBM, Nagpur wherein Shri K.Thomas, Deputy Director General (Statistics) presided over the function and addressed the

gathering and highlighted the importance of official Statistics.

Shri Saji George, Director and Shri Junaid Farooqui, Director also spoke on the occasion. Shri M.W. Asole, Statistical Officer conducted the proceedings and proposed a vote of thanks. The function was well attended by all officials of MMS Division.



9. PLANNING AND CO-ORDINATION DIVISION



Dr Vishwapati Trivedi, Secretary (Mines) making a point at the Discussion on the Mineral Scenario of Quebec at the Ministry of Natural Resources, Wildlife & Forests of Canada at Quebec, Canada. Smt Narinder Chauhan (centre), Deputy High Commissioner to Canada, Shri Y.G. Kale, RCOM & TS and senior officials of Canadian Government are seen.

The Planning and Co-ordination Division (P&C) comprises two sub-divisions namely, (i) Planning and Co-ordination (including Training); (ii) Administration, Establishment Matters, Accounts with all other administrative and financial matters. This division is headed by Controller of Mines (Planning & Co-ordination) assisted by Technical Secretary and Chief Administrative Officer/Head of Office.

9.2 The Controller General, IBM is assisted by Controller of Mines (Planning & Co-ordination) as well as Technical Secretary (TS) in important technical and administrative matters.

In this process, in consultation with the Divisional Heads, they draw up, Five Year Plans, Annual Programme, Annual Action Plans, Performance Review of activities in IBM, Preparatory work for IBM Advisory meeting and other important meetings regarding plan proposals, reviews, performance, etc. in IBM as well as in the Ministry and take follow up actions.

Material for inclusion in the Annual Report, Outcome Budget and Demands for Grants of the Ministry of Mines are also prepared. A brief account of activities carried out during the year is as follows:

Plans / Proposals of IBM

9.3 Following documents regarding plans / proposals were furnished to the Ministry:

- Annual Plan, 2013-14
- Annual Action Plan, 2013-14
- Outcome Budget, 2013-14
- Material in respect of IBM for the Annual Report of Ministry of Mines, 2012-13
- Result Framework Document (RFD) for IBM for 2012-13 & 2013-14.

Parliament Questions & Ministry References

9.4 The P & C Division coordinated with other Divisions for preparation of draft replies for the Ministry of Mines on 225 Parliament questions and 492 other Ministry references.

Comments / notes / reports furnished by TS Section to the Ministry were as follows:

- Monthly Progress Reports on the Activities of IBM for March 2012 to February 2013.

- Agenda papers for Annual Review Meeting of IBM for 2011-12 held under the Chairmanship of Secretary (Mines).
- Furnishing information on Plan Schemes of IBM for the Demands for Grants for 2013-14 for Standing Committee on Coal & Steel, Preparing Action taken on the recommendations contained in the 25th Report of the Standing Committee on Coal & Steel in connection with the Demands for Grants for 2012-13 of Ministry of Mines.
- Evaluation of four Plan Schemes of IBM for continuation through the XII Plan by National Institute of Smart Government (NISG), Hyderabad.
- Agenda papers for the first meeting of the reconstituted (17th in series) Advisory Board held on 16.7.2012 at New Delhi.
- Agenda papers and power point presentation for meeting of the Consultative Committee of Ministry of Mines on “Indian Bureau of Mines”.
- Presentation during the 2nd JWG regarding a proposal on visit of IBM delegation to Uzbekistan's Gold and Copper mines to study deep seated mining.
- Material for inclusion in the Finance Minister's Budget Speech for 2013-14, Year End Review

2012 to highlight important Decision and Initiatives.

Evaluation of IBM Schemes by the National Institute of Smart Government (NISG)

9.5 The Department of Expenditure, Ministry of Finance, Government of India has requested all Ministries of Government of India to examine the various schemes being administered by them to explore possibilities of merger of schemes with overlapping objectives in order to avoid duplication of efforts and sub-optimal utilisation of Government resources.

The Planning Commission has instructed IBM through the Ministry of Mines to evaluate the ongoing IBM schemes through an independent, impartial and reputed agency. Subsequently, IBM has entrusted this job to National Institute of Smart Government (NISG), Hyderabad, to evaluate the four Plan Schemes of IBM for continuation through the XII Plan.

The following continuing schemes of IBM were evaluated by NISG.

Scheme 1: Inspection of Mines for scientific and systematic mining, mineral conservation and



Shri Y.G. Kale, RCOM & TS, IBM making a presentation during the 1st meeting of the Sub Group on Mining of Inter-Governmental Russian – Indian Commission held at New Delhi on 27th August, 2012. Shri Arun Kumar (fifth from right), Joint Secretary, Ministry of Mines is seen.



The members, invitees and senior officers present during the 17th Advisory Board Meeting of IBM held on 16th July, 2012.

mine environment.

Scheme 2: Mineral Beneficiation Studies, utilisation of low grade and sub grade ores and analysis of environmental samples.

Scheme 3: Technological Up-gradation and Modernisation.

Scheme 4: Collection, processing, dissemination of data on mines and minerals.

After studying the detailed functions and activities carried out by IBM under each scheme, NISG has not only recommended for continuation of all the schemes of IBM, but also suggested for strengthening of the same in order to deliver output more effectively. Accordingly, the IBM has sent the NISG report and schemes in EFC Format to the Ministry. The report prepared by the NISG has been accepted by the Government.

17th Meeting of IBM Advisory Board

9.6 With a view to strengthen the links between Indian Bureau of Mines and the various organisations connected with its functions and to enable government to have objective appraisal of the effectiveness of the working of IBM and of the ways and means by which its utility and effectiveness can be enhanced, the Government has constituted the Advisory Board for the IBM on 12th January 1981.

The composition of the Advisory Board was reconstituted by the Government from time to time, and recently on 3rd July, 2012, the government reconstituted the Advisory Board of IBM with the new functions like (i) to review and advise on the implementation of restructuring programme of IBM; (ii) to advise on the matter relating to SDF and its implementation; (iii) to advise on the implementation of Mining Tenement System ; (iv) to advise on the implementation of Rule 45 of Mineral Conservation and Development Rules 1988.

The reconstituted Board comprises of 28 members from various Ministries of the Central Government, Planning Commission, representatives of the State Governments, Central Public-Sector undertakings, academic institutions and Industry Associations. The first meeting of the reconstituted IBM Advisory Board (17th in series) was held under the Chairmanship of Dr Vishwapati Trivedi, the then Secretary (Mines) on 16th July 2012 at India International Centre, New Delhi.

At the outset Shri Y.G. Kale, Regional Controller of Mines and Member Secretary of the Advisory Board briefed about the formation, purpose, terms and conditions etc. of the Advisory Board of IBM.

While delivering the welcome address Shri C.S. Gundewar, Controller General, IBM, stated that the present development in the mineral sector and introduction of new MMDR Bill

envisaged the enhanced role of IBM for the mineral regulation. He expressed hope that with the implementation of the recommendations of the Committee for Review and Restructuring of the Functions and Role of IBM, it would be possible to perform the role of National Technical Regulator in a more objective manner.

While addressing the Board members Dr Vishwapati Trivedi, Secretary (Mines) and Chairman expressed concerns regarding critical phase through which Indian mining sector was passing. He further briefed that the MMDR Bill 2011 has enunciated better performance in regulation of the mineral sector and advocated for more interactive Center-State relationship.

The meeting reviewed the various activities of IBM during 11th Five Year Plan vis-a-vis the activities to be undertaken in the 12th Five Year Plan and especially in 2012-13. Apart from this, sustainable development framework and way forward for its implementation, mining tenement system, status of implementation of amended Rule 45 of MCDR 1988, proposed examination system for RQP for preparation of Mining Plan, new draft guidelines for preparation of Mining Plan, and progress of database on 'Mineral Concession Approval System' (MCAS) and related issues were deliberated at length.

Apart from members of the Board, senior officers from the Ministry of Mines, Indian Bureau of Mines and from the NIC, NISG, Ernst & Young, ERM and others participated in the meeting as special invitees.

Consultative Committee Meeting on Indian Bureau of Mines

9.7 A meeting of the Consultative Committee of the Ministry of Mines on Indian Bureau of Mines was held under the Chairmanship of Hon'ble Minister of Mines Shri Dinsha Patel on 8th May 2012 in the Committee Room 'D', Parliament Annexe, New Delhi. Hon'ble Minister emphasised the important role of IBM in conservation of minerals and systematic development of mines and providing inputs for making suggestions for various acts, rules regulations, calculation of mineral royalty, updation of National Mineral Inventory etc.

Hon'ble Minister invited attention to the objectives and goals enunciated in the National

Mineral Policy 2008 and elaborated on the Mines and Minerals (Development and Regulation) Bill 2011 introduced in the Parliament with an aim to ensure transparency, equity, elimination of discretion, effective redressal of difficulties and regulatory mechanism along with incentives for encouraging good mining practices. He also briefed about the recent amendment to Rule 45 of Mineral Conservation and Development Rules 1988 and advocated that in the changed scenario, IBM has to gear-up not only to perform as regulator & facilitator to the industry but also to shoulder additional responsibility as an educator.

Secretary (Mines) briefed about the Action Taken Report on the minutes of the last Consultative Committee Meeting held on 2nd March, 2012.

Shri Y.G. Kale, RCOM & Technical Secretary made a presentation on 'Indian Bureau of Mines' which covered the detailed functions under various schemes of IBM, and present set up of IBM and performance & various activities during the 11th Five Year Plan. The presentation also covered the action initiated by IBM for curbing illegal mining activities and important achievements of IBM.

The Members were also apprised of salient features of the recommendations of the Committee for Review and Restructuring the Functions and Role of IBM. The report inter alia studied the increasing role and responsibilities of IBM and also envisaged additional functions under MMDR Bill 2011 and spelt out the recommendations to shoulder the responsibilities of IBM as a National Technical Regulator.

The honourable Members deliberated the various issues related to the Indian mineral sector in general and Indian Bureau of Mines in particular like contribution of mining sector and key priorities to achieve the same; suspension of mining operations by IBM; steps taken by the Central Government to curb illegal mining etc. The meeting was attended by Shri Amarnath Pradhan, Shri Sohan Potoi and Shri Kameshwar Baitha, Hon'ble members of the Consultative Committee. Senior officers of the Ministry of Mines including Dr Vishwapati Trivedi, Secretary (Mines), Shri S.K. Srivastava, Special Secretary, Shri Arun Kumar, Joint Secretary, Shri Naresh Kumar, Joint Secretary, Shri G. Srinivas, Joint Secretary, Smt. Anjali Anand Sharma, Joint



Shri C.S. Gundewar, CG, IBM delivering a talk at the 16th Dr. Dokras Memorial Oration organised as part of the Annual Function of the Institution of Engineers (India) of Nagpur.

Secretary & Financial Advisor and others. Shri C.S. Gundewar, Controller General, IBM led a team of officers from IBM. The meeting was also attended by CMDs of NALCO, HCL, and MECL and other officers.

Annual Performance Review Meeting of IBM Held

9.8 The Annual Performance Review Meeting for the year 2011-12 in respect of Indian Bureau of Mines was held on 19th June 2012 under the Chairmanship of Dr Vishwapati Trivedi, the then Secretary (Mines) at New Delhi. Chairman welcomed all the participants and reviewed the scheme-wise performance of IBM during the programme year 2011-12. Shri C.S. Gundewar, Controller General, IBM apprised the Board the salient features of the important achievements, while Shri Y.G. Kale, RCOM & Technical Secretary briefed the house about targets vis-a-vis achievement on various activities of IBM. The various micro-level issues concerning the function of the IBM were deliberated and suggestions were offered to further refine the same.

The important amongst them included verification of availability of legal status of the land for dumping of ore burden/waste material while approving the Mining Plan, early clearance

of Mining Plan in the Bellary district of Karnataka keeping in view the directives of the Supreme Court appointed Central Empowered Committee, screening test for RQP; follow up with the UPSC for filling up of senior level posts of Ore Dressing Division; detailed guidelines on UNFC; preparation of Business Development Plans for sub-sectors relating to copper, aluminum, lead & zinc, chromite, rare earth, preparation of note for Department of Expenditure for seeking sanction for creating of new posts as per the recommendations of the IBM Review & Restructuring Committee; Comprehensive proposal of authorisation of IBM officers under Section 22 of MMDR Act 1957; etc.

The meeting was attended by the senior officers from the Ministry of Mines & IBM.

MEETING WITH WORLD BANK FOR ASSISTANCE TO IBM

9.9 In connection with proposal for External Assistance from World Bank for Mineral Sector reforms through capacity development in Indian Bureau of Mines, a meeting with the representatives from the World Bank was held in IBM Headquarters on 25th March 2013.

Dr. Michael C. Stanley, Lead Mining Specialist



Shri Ranjan Sahai, Controller of Mines, IBM and Dr. Michael Stanley of the World Bank co-chairing the meeting for World Bank Assistance to IBM held at IBM headquarters at Nagpur.

and Ms. Noora Arfaa, Oil, Gas and Mining Unit of World Bank from Washington DC, USA participated in the meeting. During the meeting, the representatives of the World Bank were apprised about the functions and activities of IBM and Mining Tenement Project. The possible areas of capacity building of IBM that were discussed include Sustainable Development Framework (SDF) aspects in the Mining Plan, Online Updation of National Mineral Inventory, Training for Trainers in IBM on UNFC, Mining Tenement Project etc.

Performance Evaluation of IBM through RFD 2012-13

9.10 The Prime Minister approved the outline of a "Performance Monitoring and Evaluation System (PMES) for Government Departments" vide PMO I.D. No. 1331721/PMO/2009-Pol dated 11.9.2009. Under PMES, each department is required to prepare a Results-Framework Document (RFD). An RFD provides a summary of the most important results that a department/ministry expects to achieve during the financial year.

The RFD contains the following six sections:

Section 1: IBM's Vision, Mission, Objectives and

Functions.

Section 2: *Inter se* priorities among key objectives, success indicators and targets.

Section 3: Trend values of the success indicators.

Section 4: Description and definition of success indicators and proposed measurement methodology.

Section 5: Specific performance requirements from other departments that are critical for delivering agreed results.

Section 6: Outcome/Impact of activities of department/ministry.

IBM formulates its strategy through preparation of Five Year Plan and Annual Plan with budget proposals and then key objectives are derived from all of its schemes approved by Planning Commission. Accordingly, key objectives along with actions, success indicators and criteria values are set for RFD 2012-13. Units of success indicators provide clarity in understanding the progress made by the department.

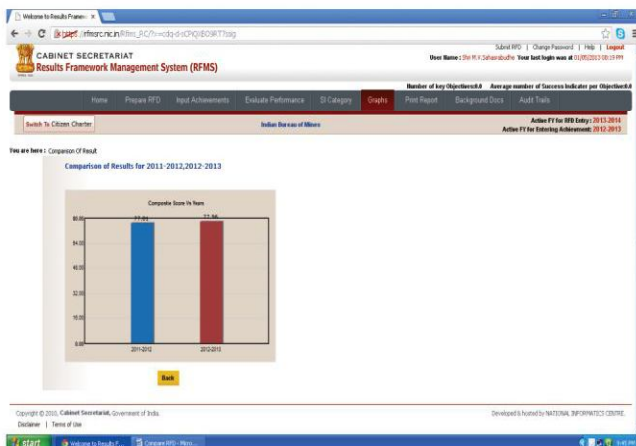
The following are Key objectives:

- Inspection of Mines.
- Regional Mining Geological Studies (RMGS).
- Preparation of Mineral Maps with Forest

Overlays.

- Development of Project on computerised online register of Mining Tenement System (MTS).
- Development of ore accounting software.
- Ore Dressing Investigations.
- Techno-economic evaluation, feasibility and other mining research studies.
- Updation of National Mineral Inventory.
- Indian Minerals Year Book (IMYB).
- Compilation of Monthly Statistics on Mineral Production (MSMP).
- Scrutiny and Processing of Statutory returns.
- ISO 9001-2008 Certification for some Regional Offices of IBM.

After implementation of RFD system, IBM is able to deliver timely results and also improved its performance perception. The total composite score of IBM based on performance evaluation is 77.96 % for the year 2012-13. The following chart indicates comparison of IBM RFD performance during 2011-12 and 2012-13.



Key IBM Objectives in Ministry's RFD 2012-13

Ministry of Mines during the preparation of its RFD, derived certain key objectives from IBM's schemes approved by Planning Commission.

The following are some key objectives related to IBM considered for Ministry's RFD:

1. Repositioning the Ministry from a 'regulatory

role' to a 'techno-economic, scientific and facilitator role'

- Business Development Plans for Sub Sectors relating to copper, aluminium, lead & zinc, chromite and rare earth etc.
2. **Strengthening mechanisms for regulation of mining, and curbing illegal mining**
 - Commissioning of online system for reporting of mineral production and transactions.
 - Revising criteria for selection of recognised qualified persons (RQP).
 - External audit of inspection of mines by IBM.
 3. **Bringing about improvement in the functioning of IBM**
 - Restructuring of functioning of IBM as per recommendation of the Committee constituted for the purpose.
 - Implementation of Project of Mining Tenement.
 - Development of ore accounting software through DPR.
 - Implementation of UNFC system of classification of mineral reserves.

IBM goes for ISO certification

9.11 As part of the Results Framework Document for 2012-2013, Indian Bureau of Mines proposed to obtain ISO 9001:2008 Certification for few of its Regional offices.

The ISO 9000 family addresses various aspects of quality management and contains some of ISO's best known standards. The standards provide guidance and tools for companies and organisations who want to ensure that their products and services consistently meet customer's requirements, and that quality is consistently improved.

ISO 9001:2008 sets out the criteria for a quality management system and is the only standard in the family that can be certified to. It can be used by any organisation, large or small, regardless of its field of activity. In fact ISO 9001:2008 is implemented by over one million companies and organisations in over 170 countries. The standard is based on a number of quality management principles including a strong customer focus, the motivation and implication of top management, the process approach and



Dr Vishwapati Trivedi, Secretary (Mines) at the IBM stall at FIMI's Mining Exploration & Convention and Trade Show held at Bengaluru. Shri C.S. Gundewar, Controller General and other officers are seen.

continual improvement.

Under RFD 2012-13 commitment, Bengaluru, Goa, Kolkata, Nagpur, Hyderabad and Udaipur Regional Offices got ISO 9001:2008 certification. With this IBM has embarked upon the quality management standards and added another feather to its cap.

International Co-operation ISO Meeting at South Africa

9.12 Shri B.S.Moroney, Suptd. Chemist visited South Africa from 23rd to 26th April 2012 to participate in the ISO/TC 102 Meeting at Cape Town, South Africa.

Indian Delegation to Geneva:

9.13 As a member of the Indian Delegation led by Dr Vishwapati Trivedi, Secretary (Mines) to Geneva (Switzerland), Dr R.N. Meshram, CME attended the Third Session of the United Nations Economic Commission for Europe (UNECE) held in Geneva, Switzerland from 02 to 04 May, 2012.

Indian Mining Delegation to Quebec, Canada:

9.14 As a member of the Indian Delegation led by

Dr Vishwapati Trivedi, Secretary (Mines) Shri Y. G. Kale, RCOM & TS visited Quebec, Canada in connection with signing of Memorandum of Understanding for Co-operation with Quebec Province, Canada in the field of Mineral Resources and bilateral discussions from 24 to 25 May, 2012.

Indian Delegation to Mongolia

9.15 As a member of Indian delegation, Shri K. Thomas, DDG (S) visited Ulaanbaatar, Mongolia for participation in the meeting of 'Statistics for Economies based on Natural Resources during 20-23 August, 2012'.



Shri C.S. Gundewar (left), CG, IBM, Shri R.K. Sinha, Controller of Mines, South Zone and Shri B. Ram Mohan, RCOM, Bengaluru at the FIMI's conference held in Bengaluru.

Indian Delegation to 'Mining Indaba 2013'

9.16 As a member of the Indian delegation, led by Shri R.H.Khwaja, Secretary (Mines) Shri T.K.Rath, RCOM was deputed to participate in the 'Mining Indaba 2013' at South Africa from 4th to 7th February, 2013.

Indian Delegation to PDAC

9.17 As a member of the Indian delegation led by Shri R.H.Khwaja, Secretary (Mines), Shri V.K.Misar, Senior Mining Geologist, IBM attended Annual Convention & Trade Show of Prospectors & Developers, Canada (PDAC-2013) held at Toronto from 03 to 06 March, 2013.

Joint Working Group between India and the Ontario province of Canada

9.18 The 4th meeting of the Joint Working Group between India and Ontario Province of Canada was held on 26th July, 2012 at India Habitat Centre, New Delhi. The Indian delegation was headed by Shri Arun Kumar, Joint Secretary, Ministry of Mines, whereas the Ontario delegation was headed by Miss Cindy Blancher - Smith. The Indian Bureau of Mines was represented by Shri Y.G. Kale, Regional Controller of Mines & Technical Secretary. The meeting started with a brief on the background and the progress made so far by Shri Arun Kumar, Joint Secretary.

This was followed by the presentation on geological, mining scenario of India and forthcoming regulatory framework of India by Shri Y.G. Kale, Regional Controller of Mines. In the presentation made by Ontario side, the mineral potential in the Ontario Province of Canada was highlighted.

The investment and opportunity available in the North of Ontario for ferrous and other minerals called as "Ring of Fire" was appraised to the participants. The requirement of training for personnel from GSI and IBM were also discussed in the meeting.

The Joint Working Group was preceded by the second Collaborative Workshop on 25th July 2012 regarding setting up of Center of Excellence in mining at IIT, Kharagpur and Indian School of Mines, Dhanbad.

MoU between India and Quebec Province of Canada

9.19 An Indian delegation led by Dr Vishwapati Trivedi, Secretary to the Government of India, Ministry of Mines and accompanied by Shri Y.G.Kale, Regional Controller of Mines & Technical Secretary, IBM was deputed by the Government of India to Quebec, Canada. A Memorandum of Understanding (MoU) between the Ministry of Mines of the Republic of India and the Québec Minister of Natural Resources and Wildlife and the Québec Minister of Economic Development, Innovation and Export Trade regarding cooperation in the field of mineral resources was signed on 24th May 2012.

The MoU was signed in a ceremony at the National Assembly in the presence of very senior members of the Quebec Government and Ministries.

The signing of MoU was followed by the presentation regarding mining projects in Quebec and "Plan Nord" by Mr. Ian O'Gallagher, and Mr. Robert Marquis, Associate Deputy Minister to Mines at the Ministry of Natural Resources, Wildlife & Forests (MRNF). On 25th May 2012, Shri Y.G.Kale accompanied by Shri Rabi Mohanty, Chief Geologist, Taconite of Tata Steel Minerals Canada Limited visited the Bureau d'audiences publiques sur l'environnement (BAPE) and held discussions.

India-Russia Sub-Group Meeting on Mining Held

9.20 The first meeting of the Sub-Group on Mining of the Working Group on Modernisation and Co-operation in the field of Industry of the Inter-Governmental Russian - Indian Commission on Trade, Economic, Scientific, Technical and Cultural Cooperation was held on 27th August, 2012 at New Delhi.

The Russian delegation was headed by Dr Alexey Pinchuk, Dy. Director of Department for Basic Branches of Industry of the Ministry of Industry and Trade of the Russian Federation. The Indian delegation was headed by Shri Arun Kumar, Joint Secretary (Metals) of the Ministry of Mines, Government of India.

The Indian Bureau of Mines was represented by Shri Y.G. Kale, Regional Controller of Mines and Technical Secretary. Shri Kale made a

presentation on the Overview of the Indian mining sector, including forthcoming regulatory framework of India.

In the meeting, potential and prospects of bilateral cooperation in the field of ferrous and non-ferrous metallurgy, cooperation in the mining equipment, scientific research in the field of ferrous and non-ferrous metallurgy, cooperation with GSI and its Russian counterpart, cooperation in the field of coal mining industry in the context of long-term and mutual beneficial cooperation between two countries were discussed and deliberated.

IBM's Capabilities Showcased at FIMI's Convention

9.21 IBM showcased its role and capabilities in the recently held Mining, Exploration Convention and Trade Show (Mining MAZMA 2012) organised by the Federation of Indian Mineral Industries during 30th August to 1st September 2012 held at Bengaluru. The Convention was sponsored by the Ministry of Mines, Government of India. IBM put up a stall providing information on functions of IBM and its various publications. The IBM's stall was visited by Dr Vishwapati Trivedi, the then Secretary (Mines) during the inauguration of the Trade Show. The stall was well visited by number of dignitaries including Shri S. Vijay Kumar, Secretary to the Govt. of India, Ministry of Rural Development.

Generation of Revenue in IBM

9.22 The Indian Bureau of Mines generates revenue as incidental to the following activities:

- Beneficiation studies on low grade ores and minerals including mineralogical and chemical analysis on sponsored samples from other organisations and analysis of environmental parameters of air, water and soil.
- Technical Consultancy to Mining Industry on mining, geological, environmental and geo-technical assignments.
- Fee for processing of mining plans and scheme of mining.

- Compounding of offences under Mineral Conservation and Development Rules (MCDR) 1988.
- Sale of IBM's technical and statistical publications, mineral inventory datasheets, mineral maps and other data.
- During the year 2012-13, revenue of ₹137.30 lakh has been generated on account of these activities.

Status of revenue generated during last two decades is furnished below:

YEARS	REVENUE IN LAKH ₹
1989-1990	20.33
1990-1991	28.84
1991-1992	37.06
1992-1993	55.3
1993-1994	33.34
1994-1995	37.86
1995-1996	64.81
1996-1997	65.42
1997-1998	53.05
1998-1999	59.42
1999-2000	82.84
2000-2001	90.68
2001-2002	95.55
2002-2003	111.2
2003-2004	126.21
2004-2005	109.83
2005-2006	131.27
2006-2007	163.79
2007-2008	180.26
2008-2009	196.17
2009-2010	191.65
2010-2011	214.70
2011-2012	157.52
2012-2013	137.30



10. TRAINING CENTRE



The participants of the Induction Training Programme pose for a photograph during the valedictory of the training. Shri Parsher, Controller of Mines, Shri Arun Prasad, Director, Training, are seen.

The Training Centre of IBM is headed by the Director (Training) / Regional Controller of Mines. It is under the overall supervision of Controller of Mines (Planning & Co-ordination). It conducts in-house training programmes for its employees and also for persons engaged in mining industry including overseas with the objective to provide them adequate orientation and updation in their fields of work.

10.2 During the year 2012-13, 18 training programmes comprising 6 in-house and 12 training programmes for industry personnel, including 03 for the North-Eastern personnel, were conducted. A total of 101 internal and 405 industry personnel plus 53 from North-Eastern States were benefitted. Revenue of ₹ 17.13 lakhs was realised from the training programmes conducted for the industry personnel. The details of the courses conducted are as given below:

10.3 Training Programmes for IBM Personnel

- Training programme on RTI Act, 2005-Latest Amendments on 19 April, 2012 at Nagpur, in which a total of 18 personnel from IBM participated.
- Refresher Course for New Entrants of IBM on 26 & 27 July, 2012 at Nagpur, in which total 26

IBM personnel participated.

- Training Programme on Implementation of MCDR on 28 & 29 August, 2012 at Kolkata, in which 02 industry personnel and 15 IBM personnel participated.
- Training Course for Procuring entities & vendors for IBM officials on 24-25 September 2012, at Nagpur, in which 22 IBM personnel participated.
- Induction Training Programme on Chemical Analysis during 11-16 March, 2013 at Nagpur in which 11 IBM personnel participated.
- Induction Training Programme on Ore Dressing during 18-23 March, 2013 at Nagpur in which 09 IBM personnel participated.

10.4 Training Programme for Industry Personnel

- Two training programmes on e-filing of Monthly & Annual Returns on 28 & 29 May, 2012 at Nagpur, in which 60 & 41 personnel from Industry participated.
- E-filing for monthly/annual returns for Industry Personnel on 09 October, 2012 at Nagpur, in which 53 personnel from industry participated.
- Training Programme on Online Submission of Monthly Returns under rule 45 of MCDR, 1988

at Barbil on 17 December, 2012 in which 58 industry personnel participated.

- Training Programme on Online Submission of Monthly Returns under rule 45 of MCDR, 1988 on 10 January, 2013 at Kolkata in which 23 industry personnel participated.
- Three Training Programmes on Online Submission of Monthly Returns under rule 45 of MCDR, 1988 (i) at Goa on 23-24 January, 2013 in which 39 industry personnel participated (ii) at Bengaluru on 11 February, 2013 in which 46 industry personnel participated and (iii) at Thiruvananthapuram (Kerala) on 14 February, 2013 in which 34 industry personnel participated.
- Training to Develop Promotional Scheme for Beneficiation & Agglomeration of Low Grade Ore at Nagpur during 05-06 March, 2013 in which 42 industry and 07 personnel from

State Directorate of Geology & Mining participated.

10.5 Training Programme for NER Personnel

- Workshop cum Meeting under North Eastern Special Assistance Programme was organised on 22-23 May 2012 at Aizwal, Mizoram, in which 09 senior officers of DGMs of North Eastern States participated.
- Training programme on Preparation of Mining Plan, Scheme of Mining, PMCP, FMCP was organised on 18-19th October, 2012 at Guwahati (Assam), in which a total of 30 personnel from NER participated.
- Refresher Course on UNFC & Reserve Estimation with Field Visit during 20-22 February, 2013 at Bhubaneswar in which 14 personnel from North-Eastern Region participated.



The newly recruited officers of IBM, at an Induction Training programme organised by the Training Centre, at IBM headquarters.



11. NORTH EASTERN REGION ASSISTANCE PROGRAMME

North Eastern States have initiated programmes to search for mineral resources and to establish mineral-based industries. Therefore, the feasibility of the development of mineral resources needs to be studied. As per the directives of the Government, 10% of the allotted plan budget of IBM is being spent for the development of North-Eastern Region/States. For closer interaction with the NE States, a Sub-regional office of IBM is functioning at Guwahati since April 1998.

11.2 The IBM will continue to look after the conservation and development of mineral resources of NE States. The draft report of the Committee for Review and Restructuring of the Functions and Role of IBM has recommended to upgrade the Guwahati sub-Regional Office into a full-fledged Regional office. This will boost the mineral development activities in the NE States.

11.3 IBM carried out the following activities in North Eastern States in 2012-13.

- Inspection of mines for enforcing systematic and scientific mining.
- Imparting training to the personnel of mining industry, State Governments of NE States.
- Taking up of consultancy assignments in mining, geology, beneficiation, environmental aspects.
- Providing Instruments / Equipment to the State Governments of North Eastern States to strengthen their capabilities for development of mineral resources in their states.

- Other related assignments as and when required related to mineral development.

Sub-regional office of IBM at Guwahati continued to undertake inspection of mines/studies on development of resources of the North-Eastern region.

11.4 During the year 2012-13, 26 Mines /areas inspected for enforcement of MCDR/disposal of mining plans. Besides, 53 officials of NE Region were benefitted from following workshop-cum-training programmes viz, (i) Workshop cum Meeting under North Eastern Special Assistance Programme was organised on 22-23 May 2012 at Aizwal, Mizoram, in which 09 senior officers of DGMs of North Eastern States participated.

- Training programme on Preparation of Mining Plan, Scheme of Mining, PMCP, FMCP was organized on 18-19th October, 2012 at Guwahati (Assam), in which a total of 30 personnel from NER participated.
- Refresher Course on UNFC & Reserve Estimation with Field Visit during 20-22 February, 2013 at Bhubaneswar in which 14 personnel from North-Eastern Region participated.

Expenditure of ₹ 12.79 Lakhs have been made for technological upgradation & modernisation of mineral and mining industry of NER States including Sikkim by supplying equipment/instruments and IT products.



12. GENERAL ADMINISTRATION

The General Administration under Planning and Coordination Division deals with the establishment matters related to recruitment, budget, finance and accounts, purchase of stores, disbursement of salary and other claims and internal audit.

12.2 It is organised into the following sections: 1. Establishment (i) Gazetted and (ii) Non-Gazetted 2. Budget 3. Cash, Accounts & Contingent Expenditure 4) Stores 5) General Administration 6) Construction Work of Office & Residential Buildings and Maintenance thereof 7) Internal Audit and 8) Vigilance

It is headed by the Chief Administrative Officer under the overall supervision of Controller of Mines (P&C).

12.3 Sanctioned vis-a-vis filled Strength of IBM as on 31.3.2013

Sl No.	Group	Sanctioned Strength	Filled	Vacant
1	Group 'A'	244	171	73
2	Group 'B' (Gaz.)	177	131	46
3	Group 'B' (Non-Gaz.)	362	299	63
4	Group 'C' (Tech)	260	184	76
5	Group 'C'	434	359	75
	Total	1477	1144	333

12.4 During the year 2012-13, 89 new appointments, 41 promotions, 52 retirements cases were dealt. Vigorous efforts were continued to fill up the vacancies reserved for Scheduled Castes, Scheduled Tribes and OBCs. 42 vacant posts of SC/ST/OBC were notified to respective SSC and 19 posts are filled.

12.5 Budget estimates, Revised Estimates vis-à-vis actual expenditure for 2012-13 are as under:

SCHEME-WISE FINANCIAL PERFORMANCE OF IBM DURING 2012-13

(₹ in Lakhs)

Sl No.	Name of the Scheme / Programme	BE 2012-13	RE 2012-13	Actual Expenditure
1	Scheme No. 1: Inspection of Mines for Scientific and Systematic mining, mineral conservation and mines environment.	654.00	839.00	804.22
2	Scheme No. 2: Mineral Beneficiation Studies – utilisation of low grade and sub-grade ores and analysis of environmental samples	573.00	573.00	570.05
3	Scheme No. 3: Technological upgradation and Modernisation	389.00	389.00	378.88
4	Scheme No. 4: Collection, processing, dissemination of data on mines and minerals through various publications	215.00	215.00	213.06
5	Scheme No. 5: Computerised Online Register of Mining Tenements System	80.00	80.00	77.97
6	Scheme No. 6: Development and Implementation of Ore Accounting Software	50.00	50.00	15.75
7	Tribal Area Sub-Plan Tribal Welfare Fund	96.00	96.00	-
8	Capital Expenditure (Works Outlay)	1.00	1.00	-
9	Motor Vehicles	15.00	15.00	-
10	Machinery & Equipment	87.00	142.00	73.49
	Capital Outlay (NER) Lump-Sum-Provision for NER	55.00	-	-
		185.00	-	-
	Total Plan	2400.00	2400.00	2133.42
	Non-Plan	4350.00	4786.45	4784.96



Players at the basket ball tournament at the 23rd IBM Sports meet held at Ranchi, Jharkand.

66th 'Independence Day' celebrated in Indian Bureau of Mines

12.6 The 66th Independence Day of the Republic of India was celebrated with great fervor and enthusiasm at Indian Bureau of Mines. The main function was held at IBM headquarters at Indira Bhavan, Nagpur. Shri C.S. Gundewar, Controller General, IBM, unfurled the National flag. Speaking on the occasion, Shri Gundewar expressed his concern that Indian mineral sector is passing through a difficult stage showing negative growth rate. He attributed the main reasons towards the environmental issues, illegal mining and social problems etc. He urged the officers and staff of IBM to rise to the occasion and put their best to perform the assigned task.

He appealed to all the employees to maintain good discipline and perform with dedication for effective and quality work. The function was attended by the large number of officers and staff of IBM. Shri R.N. Sharma, Dy. Director (Rajbhasha) conducted the proceedings of the function.

64th 'Republic Day' Celebrated In Indian Bureau of Mines

12.7 The 64th Republic Day was celebrated with

great fervor and enthusiasm at Indian Bureau of Mines on 26th January 2013. The main function was held at IBM headquarters at Indira Bhavan, Nagpur. Shri C.S. Gundewar, Controller General, IBM, unfurled the National flag.

Speaking on the occasion, Shri Gundewar highlighted the ISO certification obtained by some of the Regional offices of IBM. Regarding capacity building of Indian Bureau of Mines, he expressed hope that consequent to the submission of the report of the Committee for 'Review and Restructuring of the Functions and Role of IBM', the additional human resources would be added to IBM in a phased manner.

He appealed to all the employees to maintain good discipline and perform with dedication for effective and quality work. The function was attended by the large number of officers and staff of IBM. Shri Mujeeb U. Siddiqui, Deputy Mineral Economist (Int) conducted the proceedings in an impressive manner.

IBM Foundation day "Khanij Divas" celebrated

12.8 IBM observed 1st March 2013 as "Khanij Diwas". Constituted immediately after independence of India, Indian Bureau of Mines completed 65 years of its glorious service to the nation.

Dr S. R. Wate, Director, National Environmental Engineering Research Institute was the chief guest and Shri M. Mukherjee Controller General (Retd.) was the guest of honour for the main function held at IBM HQ presided over by Controller General, IBM.

Dr Wate insisted that IBM has to ensure that mineral development does not cause 'irreversible damage' to the environment and any mineral development plan is long term. He appreciated the role of IBM for creating awareness for protection of mining environment and mineral conservation. He expressed opinion that awareness, promotion, pro-active role and persistence are more essential than the regulation and control for eco-friendly mineral development.

He advocated for underground mining below the natural forest to avoid the conflict with opencast mining. He was optimistic that with right kind of planning, all spoil dumps, waste dumps, mined out areas can be converted into green and thus mineral industry can be converted into oxygen generation industry.

Shri M. Mukherjee, Retired Controller General, IBM narrated the evolution of IBM and how the role of IBM is unique to give fillip to the mineral development of the country. He indicated that with growing environmental concerns, IBM has to shoulder additional responsibility and

expressed hope that with wider use of IT tools and other modes of e-governance, IBM can take up the challenge. He appealed that IBM needs to develop expertise in the fields of ocean mining, satellite imagery for regulation of mineral industry. He was also of the view that India has to develop its own mineral-specific environmental standards, rather than copying from other advanced countries.

Shri C.S. Gundewar, Controller General, IBM while welcoming the guests and dignitaries gave the account of development of IBM functions and capabilities over the 65 years. He further informed that IBM was on the verge of major re-structuring. The report of the Committee for Review and Restructuring of the Functions and Role of the IBM has been accepted by the Government. The Committee has enunciated IBM a role of National Technical Regulator for the Indian mining sector in respect of non-coal minerals and also envisaged higher responsibility to shoulder the various functions as incorporated in the Mines & Minerals (Development & Regulation) Bill 2011 which has been introduced in the Parliament. The Committee has recommended capacity building and strengthening of Indian Bureau of Mines with enhancement of human resource with new posts in various levels and establishment of new offices.

On this occasion, a second phase of System of Online submission of Annual Returns under



Dr Wate, Director, NEERI speaking at the Khanij Diwas organised at IBM headquarters in Nagpur. Shri Y.G. Kale, RCOM & TS, Shri C. S. Gundewar, CG, IBM and Shri Mukherjee, former CG, IBM are seen.



The winners in various competitions being felicitated at the valedictory of the 23rd IBM Sports Meet at Ranchi.

Rule 45 of Mineral Conservation & Development Rules, 1988 was also dedicated to the Nation.

IBM is also maintaining the Inventory of Mineral Resources of the country and periodically updating the same for every five years. A Publication on “National Mineral Inventory – At a Glance” was also released by the Guests on the occasion.

Earlier Shri Y.G.Kale, Regional Controller of Mines and Technical Secretary, IBM read out the message of Shri D.N.Bhargava, former Controller General of IBM. Shri Kale also proposed the vote of thanks. The programme was impressively conducted by Ms. Varsha Gharote, Mineral Officer (Int). A cultural programme and health camp was also organised for the employees of IBM to mark the foundation day.

“Khanij Diwas” was also observed simultaneously at Zonal/Regional Offices of IBM amidst enthusiasm where various programmes were organised like Technical talk, Open-Day, Health Camp, Blood Donation Camp, etc.

All India IBM Sports Meet

12.9 23rd All India IBM Sports Meet 2012-13 was held at MECON Stadium, Ranchi, Jharkhand during 05-07 December, 2012. About 200 participants from all the Zonal/Regional offices, Regional Ore Dressing Laboratories and Headquarters of IBM participated in the Sports Meet. Track & field events, Volley Ball, Table Tennis, Badminton, Carrom, and Chess events were conducted.

Controller General, IBM inaugurated the Sports Meet as Chief Guest. In the concluding function, prizes were distributed and the team from Nagpur (HQ) emerged as over all champion.

Redressal of Grievances & Welfare Measures Work Done Concerning Women (Perspective Plan for Women)

12.10 Indian Bureau of Mines work on principle of equal opportunity to all and based on this, out of a total filled up strength of employees, women employees constitute about 12.5 percent. Training is imparted to women employees in the field of technical as well as administrative matters. Women employees are also actively participating in various cultural and extracurricular activities organised by IBM from time to time.

International Women's Day in IBM

12.11 Under the National Policy for Women, a two day programme to celebrate International Women's Day was organised at IBM Headquarters, Nagpur on 07 & 08 March, 2013. A lecture in memory of Late Prime Minister Smt. Indira Gandhi was arranged on 07 March 2013 which was delivered by Dr. Seema P. Somalwar, Principal, Somalwar Science Academy, Nagpur as a Chief Guest. The concluding day function was organised on 08 March, 2013 which was presided over by Shri C.S.Gundewar CG, IBM and Dr. Jyotsna Meshram, Professor & Head, Department of Organic Chemistry, School of Chemical Sciences,

North Maharashtra University, Jalgaon was the Chief Guest. She spoke on the role of women in technical education as well as problem faced by women while acquiring the education. Large number of women employees attended the programme with enthusiasm.

Committee to redress complaint regarding sexual harassment of women in the workplace

12.12 To ensure a safe, secure and healthy environment for women at the workplace, as per directions of Hon'ble Supreme Court, a complaint committee has been constituted in IBM. Committee functions to redress the complaint made by the victims of sexual harassment at work place in a time bound manner.

Dr (Mrs.) M. N. Gaikwad, Deputy Ore Dressing Officer, Indian Bureau of Mines has been nominated as Chairperson of the committee. Contact address of Dr (Mrs.) M. N. Gaikwad is as given below:

Dr.(Mrs.) M.N.Gaikwad ,	Telephone Nos.
2nd Floor, 'B' Block,	0712-2565024
Indira Bhavan,	0712-2565500-PBX
Civil Lines,	Extn. 1224
Nagpur - 440 001.	Fax.: 0712 2562631

Measures for persons with Disabilities

12.13 IBM is strictly following the various instructions of the Government from time to time regarding reservation of vacancies for persons with physical disabilities.

As on 31.3.2013, 17 physically handicapped persons were under employment in IBM, of which 04 are visually handicapped, 02 is hearing handicapped and 11 are orthopedically handicapped.

Liaison Officer for SC/ST/OBC and PWD

12.14 Shri G. S. Biharee, Regional Mining Geologist has been nominated as Liaison Officer for SC/ST/OBC and PWD to look after the welfare measures. Contact address of Shri G.S.Biharee,

Liaison Officer for SC/ST/OBC and PWD is as given below:

Shri G.S.Biharee,	Telephone Nos.
1st Floor, 'A' Block,	0712-2565794
Indira Bhavan,	0712-2565500-PBX
Civil Lines,	Extn. 1106
Nagpur - 440 001.	

Redressal of Public Grievances

12.15 There is a Public Grievances Cell in IBM for taking care of Grievances of services matters of employees and also public. Shri A.M.Kamble, Regional Mining Geologist, Indian Bureau of Mines, is nominated as Director of Grievances. Contact address of Shri A.M.Kamble, Director of Grievances is as follows:

Shri A.M.Kamble,	Telephone Nos.
7 th Floor, 'D' Block,	0712-2562143
Indira Bhavan,	0712-2565496 2560544-PBX
Civil Lines,	Extn. 1702
Nagpur - 440 001	Fax. 0712 2562143
E mail mmcell_ibm.gov.in	

At the beginning of the year, 05 grievance cases were pending. During the year 2012-13, 15 cases were received, 07 cases were disposed off and remaining 13 cases are under processing. Online facility for Registration for Public Grievances has already been provided by linking IBM website with the Grievance Portal of DoPT "Central PGRAMS".

Vigilance cases

12.16 During the year 2012-13, 32 complaints were received, of which 10 were brought to the logical conclusion and closed after investigation. 15 Complaints were sent to CG/ administration for necessary action and remaining 07 cases were under investigation. 459 Vigilance Clearance Certificates and Integrity Certificates were issued in favour of officers and staff in this period.

Vigilance Awareness Week was observed in



Shri C.S.Gundewar, Controller General, IBM garlanding the portrait of Late Shri Rajiv Gandhi former Prime Minister of India during the inauguration of Sadhbhavana Divas. Shri Ranjan Sahai, Controller of Mines is also seen.

the IBM Headquarters at Nagpur and in all the Regional Offices during 29th October 2012 to 3rd November 2012. During the Week, essay and debate competitions for vigilance awareness were organised.

Sadbhavana Divas observed in IBM.

12.17 Sadbhavana Divas (Rajeev Gandhi Birth Anniversary day) for communal harmony was observed with great fanfare at IBM Headquarters and all its offices on 21st August 2012. The observance of Sadbhavana Pakhwara commenced on 21st August 2012 (20th August 2012 being closed holiday).

In the main function held at IBM Headquarters, the programme started with garlanding of the portrait of Late Shri Rajiv Gandhi, former Prime Minister of India by Shri. C.S. Gundewar, Controller General, Indian Bureau of Mines and by Shri Ranjan Sahai, Controller of Mines. The brief history and achievement of Shri Rajiv Gandhi was narrated by Shri P Nagarajan, AAO. On this occasion, a pledge was administered by Shri. C.S. Gundewar, Controller General and by Shri Ranjan Sahai in Hindi and English respectively to all officials to maintain communal harmony. During the Pakhwara various competitions were also organised.

National Integration (Quami Ekta) Week

12.18 As per directions of Government of India, 19th November, Birthday of Late Prime Minister of India, Mrs. Indira Gandhi was observed as National Integration (Quami Ekta) day. All the employees have taken pledge of National Integration. A number of programmes were organised from 19.11.2012 to 25.11.2012 on the themes of National Integration, Minority welfare, Weaker Section, Cultural Unity, Women & defence etc.

Right to Information Act, 2005

12.19 Consequent to the enactment of the Right to Information Act, 2005, IBM has been receiving various requests under RTI Act which are timely responded to. At the beginning of the year 2012-13, 29 applications were pending and during the year, 496 applications were received. 494 applications were disposed off within the stipulated time frame and out of this, 20 applications for information were rejected. Similarly, at the beginning of the year, three first appeals were pending and during the year 55 first appeals were received. 53 first appeals were disposed off within the stipulated time frame and out of this, 14 were rejected.



13. COMPUTERISATION IN IBM



Shri. C. S. Gundewar, CG, IBM launching the Online Submission of Annual Returns under Rule 45 of MCDR, 1988 at IBM headquarters, Nagpur. Shri. Kale, RCOM & TS, Shri. Mukherjee, former CG, Shri. Wate, Director, NEERI, Shri. Omkesh Murthy, SMG are seen.

Historical Background of Computerisation in IBM

The history of computerisation in IBM can be traced back to early 1970's. The computerisation in IBM started with a small punch card system under the control of the Mineral Statistics Section of the erstwhile Mineral Economics Division. The work of this erstwhile division grew manifold and the Mineral Statistics Section was upgraded to Mineral Statistics Division.

13.2 Development of MRIS Database

After this era, the better version of computers and system software was introduced in the computer centre and working on client-server architecture was commenced through the local area network (LAN). During those days, IBM had National Mineral Inventory (NMI), Mining Lease (ML), Mine-cum-Production (MCP), External Trade (ET), Mineral Consumption (MC) and World Mineral Intelligence (WMI) database modules.

13.3 Establishment of TMIS Database

The MCCM module was designed and developed as per the provisions of Mineral Conservation & Development Rules, 1988. The already existing database modules of the



erstwhile MRIS were modified and the new relational database management system was developed under client-server architecture. This new system was named as Technical Management Information System (TMIS). There are seven databases in TMIS database system.

Technical Management Information System (TMIS)

Under TMIS project the then existing databases were upgraded to higher version of software. These databases are:

- National Mineral Inventory (NMI)
- Mines-cum-Production (MCP)
- Mining Leases (ML)

-
- Mineral Consumption (MC)
 - External Trade (ET)
 - World Mineral Intelligence (WMI)
 - MCCM Database.

1. National Mineral Inventory (NMI) Database: It is a database of mineral deposits. It contains inventory information of 65 mineral commodities. It covers about 16000 deposits including free-hold and lease-hold areas.

2. Mining Leases (ML) Database: This is a database of mining leases and prospecting licences. It covers information on mining leases for major minerals. The database is based on the data received from the State Directorates of Geology and Mining.

3. Mineral Consumption (MC) Database: This database contains data pertaining to consumption of mineral raw material in different industries. This data is useful for projection of future demands, formulation of industrial policy, identifying priority areas for exploration, monitoring consumption norms, R&D activities in the field of substitution, etc. Mineral consumption data is collected from about 3000 consuming plants on non-statutory basis annually.

4. World Mineral Intelligence (WMI) Database: It contains information on foreign trade, mineral production, consumption, mineral resources of various countries. Each record of WMI database includes information on commodity name, country, exports, imports, prices, production, consumption, reserves, resources, beneficiation plant, source of information, etc.

5. Mines-cum-Production (MCP) Database: This database is maintained by MMS Division. This database maintains the information received, in the form of monthly, annual & explosive returns from 3000 mines in pre-specified formats, under Rule 45 of the MCDR, 1988. Data received are processed for input of various publications namely, Monthly Statistics of Mineral Production (MSMP), Statistical Profiles of Minerals, Indian Mineral Industry at a Glance, Indian Minerals Year Book (IMYB) & Mine Directory.

6. External Trade (ET) Database: Data received from DGCIS Kolkata, data compiled on Indian Trade Classification based on Harmonized Commodity Description and Coding System [ITC(HS)], exports and imports for about 1300 commodities for minerals, metals and selected mineral-based products. Output generation of various output for import-export in respect of minerals, metals and selected mineral-based products.

7. MCCM Database: This is designed & developed to administer the MCDR'88 for monitoring the Mining activities of the country through MCCM division.

The main components of MCCM database are data contained in Prospecting Licence, Mining Plan, MCDR Inspection. In addition, data generated through MCDR inspection and information received through Statutory Notices and also the main aspect of activity of IBM officers (individual activity) and offices (collective results) are included in MCCM database.

Under TMIS, all these databases on mines and minerals are maintained and IBM website and Web portal are regularly updated.

The new web portal of IBM is updated regularly. Further, the Centre has developed a system of entering data from Regional Office to National Server at IBM Central Headquarter and the same has been made operational using Wide Area Network. Back-up of National database server is also being studied by IBM to make the facility available to restore the data in case of crash.

13.4 Website

A Web Portal of IBM, as per the guidelines of Government of India was designed by National Informatics Centre (NIC) and hosted on its server in July, 2010 at www.ibm.gov.in information regarding IBM's history, functions, organisation, divisions of IBM and its activities, jurisdiction of regional & zonal offices, services offered by IBM, Mining Plans – guidelines / formats / circulars thereof, RQPs - guidelines / formats thereof, UNFC guidelines, Mining Laws, Mineral Information like mineral reserves, value, royalty and dead rent,



Website of Indian Bureau of Mines

details of reconnaissance permits, threshold values, notices & returns under MCDR, 1988 Mining Leases distribution data, Indian Mineral Year Books, Bulletin of Mining Leases & Prospecting Licences, Bulletins of Mineral Information, Offshore Mineral Concession Rules, Notification & Form G thereof, Tenders, RTI information, Photo gallery, etc., have been displayed on the web portal. There is also provision for online submission of vigilance complaints and grievances.

13.5 Computerised Online Register of Mining Tenements System

A scheme on Computerised Online Register of Mining Tenements system was taken up by the IBM during the programme year 2009-10.

The objective of the Scheme is to develop an online National Mineral Information System for investors by linking Central and State organisations engaged in administration of mineral resources in the country. The project comprised of GIS and Registry parts. The approved funds will be utilised for implementation of the project in mineral-rich states i.e. Andhra Pradesh, Chhattisgarh, Goa, Gujarat, Jharkhand, Karnataka, Kerala, Maharashtra, Madhya Pradesh, Odisha, Rajasthan and Tamil Nadu.

The MTS has been envisaged by the Government to automate the various processes associated with the mineral concession regime. This would not only give an impetus to the

decision making process but is also expected to bring transparency and efficiency. It is envisaged that MTS will not only enable online filing of applications but it will also be possible to identify online the areas for various types of mineral concessions. This would involve integration of web-based technology services with Geographical Information System (GIS), so that information could be shown spatially in the form of maps. IBM has been nominated by the Ministry as the Nodal Implementing Agency for the project.

A detailed consultative meeting with the States, NIC and IBM was held on 20.9.2012 to solicit their views on draft DPR submitted by the consultant and implementation issues. Accordingly, provisions for IT manpower and hardware support to the States and technical manpower support to IBM were included in the DPR. Thereafter, the DPR was endorsed by the Central Co-ordination-cum-Empowered Committee (CEC) and finally approved by the core committee of MTS in its meeting on 31.10.2012.

M/s Ernst & Young Pvt. Ltd has been requested to prepare Expression of Interest (EoI) and Request for Proposal (RFP) as per the above approved DPR.

Subsequently, IBM submitted modified draft SFC proposal to Ministry. As part of the project, MoUs with respective State Governments, who are involved in the first phase of the system, are also being signed. So far State Governments of Andhra Pradesh, Gujarat, Karnataka, Kerala, Madhya Pradesh and Maharashtra have signed the MoUs.

The Project will be implemented in three phases. In phase I, the registry component of Central Database will be developed covering aspect of registration, returns, revision, inspection, mining plan approval and mine closure plan approval. The state specific registry components would be developed in phase II and phase III will be devoted for GIS component. Some parts of GIS components can be taken up simultaneously along with development of Phase I and Phase II.

Umbrella software will be developed for all States. The project will be implemented by adopting the cafeteria approach wherein the system is developed for pilot locations and latter other States are free to choose the software package as per their requirements. As per the

individual need and strategy of each State, the services can be opted and payment can be done for the limited package opted by the State.

13.6 Development of Ore Accounting Software

As recommended by Sub Group III on Infrastructure and Financing of Twelfth Five Year Plan, Working Group on Mineral Exploration and Development, IBM has undertaken a New Scheme No. 6 titled "Capacity Building of State Governments - Development & Implementation of Ore Accounting Software".

The broad objectives of the new scheme are implementation of Rule 45 by developing uniform ore accounting software with interface to Railways, Ports and Customs.

As suggested by the Planning Commission, IBM has taken up the job with National Institute of Smart Government (NISG), Hyderabad for preparation of Proof of Consent (PoC). NISG has initiated actions for preparation of PoC and allied job for commissioning of system of Ore Accounting Software.

IBM has implemented "IT Infrastructure Security Policy (version 1.0 of 2006)" with a view to implementing Information Security to safeguard information infrastructure from possible attack through internet or corruption, compromise of data etc,

Mineral Concession Approval System (MCAS)

13.7 IBM module of MCAS developed by NIC is related to data on RP/PL/ML areas as a part of the extension of existing mineral concession approval system, which is in operation at Ministry of Mines. This module covers data pertaining to letter of intent (LOI) MP/SOM, grant of concessions and renewals by State Government, filing returns, etc. This online mineral concession system is mainly

developed for monitoring the status of Mineral Concession granted/renewed by the Ministry of Mines. This system has already gone online from 2010 and can be accessed at www.mcas.nic.in/ iHYPERLINK "http://www.mcas.nic.in/"c.in.

This Module is an online database which has to be logged in with appropriate user name & password and data has to be entered into certain sub modules. The main IBM Module comprises:

- Add Concession (LOI)
- Update concession (extension of LOI, etc.)
- MP/SOM/PMCP/FMCP
- Grant of concession/renewals (RP/PL/ML)
- Update grant/renewal
- Commencement of mining operation
- Annual returns (RP & PL)
- Current status of the Mineral Concession granted/renewed

IBM report Module was also developed to see the various outputs generated by the data entry made under IBM Module under this Module:

- MP/SOM Status
- PL/RP status
- LOI status reports
- Status of a concession/mine

IBM has already directed all its Regional Offices that "after disposal of mining plans/ modified mining plans, the necessary entries should invariably be made in the Mineral Concession Approval System (MCAS) database before it is issued to the respective applicant". Henceforth, all mining plan details including approvals, modifications, rejections, etc. will be available in the portal.



14. हिंदी अनुभाग



हिंदी के प्रचार एवं प्रसार के उद्देश्य से मडगांव के संयुक्त अपर आयकर आयुक्त कार्यालय में नगर राजभाषा कार्यान्वयन समिति द्वारा कार्यक्रम का आयोजन किया गया। इस अवसर पर मुख्य आयकर आयुक्त दिलीपकुमार ने राजभाषा नीति के उत्कृष्ट कार्यान्वयन तथा हिंदी में किए गए श्रेष्ठ कार्य निष्पादन के लिए क्षेत्रीय खान नियंत्रक श्री एस. टियू (प्रथम पुरस्कार) को पुरस्कृत किया गया।

भारत सरकार की राजभाषा नीति के कार्यान्वयन में भारतीय खान ब्यूरो अग्रणी भूमिका निभाता आया है। समय-समय पर विभिन्न कार्याशाला के जरिए ब्यूरो के अधिकारी तथा कर्मचारियों को हिंदी से जोड़े रखने का प्रयास किया जाता है। ब्यूरो का मुख्यालय ख क्षेत्र में स्थित है। क क्षेत्र में 5 कार्यालय तथा शेष कार्यालय ग क्षेत्र अंतर्गत अधिसूचित है। क क्षेत्र अंतर्गत सभी कार्यालयों में अधिकांश कार्य हिंदी में करने का लक्ष्य प्राप्त किया गया। इसके अलावा हिंदी के प्रचार एवं प्रसार के लिए विभिन्न कार्यक्रमों का आयोजन किया गया, जिसमें सभी ने बढ़-चढ़कर हिस्सा लिया। ख क्षेत्र मुख्यालय में भी हिंदी से संबंधित अनेक कार्यक्रमों का आयोजन किया गया तथा हिंदी में पत्राचार को प्रोत्साहन दिया गया। उल्लेखनीय है कि भारतीय खान ब्यूरो के क एवं ख क्षेत्र स्थित सभी कार्यालय नियम 10(4) के अंतर्गत अधिसूचित हैं। ख क्षेत्र स्थित कार्यालय में भी सरकार द्वारा निर्धारित लक्ष्य के अनुसार हिंदी में पत्राचार तथा हिंदी पखवाड़े पर विभिन्न कार्यक्रमों का आयोजन कर हिंदी को बढ़ावा दिया गया। ग क्षेत्र के ब्यूरो के दो कार्यालयों को छोड़कर सभी कार्यालय नियम 10(4) के अंतर्गत अधिसूचित हैं।

वर्ष 2012-13 के दौरान हिंदी से संबंधित प्रगति का विवरण

1. मुख्यालय में विभागीय राजभाषा कार्यान्वयन समिति की बैठक - 15 जून 2012 को भारतीय खान ब्यूरो में महानियंत्रक श्री सी.एस.गुंडेवार की अध्यक्षता में 88वीं राजभाषा कार्यान्वयन समिति की बैठक का आयोजन किया गया। इस बैठक में पिछली बैठक के कार्यवृत्त की पुष्टि की गई। इस दौरान मुख्यालय एवं ब्यूरो के सभी अधीनस्थ कार्यालयों की हिंदी की प्रगति संबंधी 31 दिसंबर 2011 एवं 31 मार्च 2012 को समाप्त हिंदी प्रगति की रिपोर्ट की समीक्षा की गई।

इसी तरह 89वीं बैठक का आयोजन 18 अप्रैल 2013 को महानियंत्रक की अध्यक्षता में किया गया। जिसमें पिछली बैठक की कार्य योजना की समीक्षा की गई। साथ ही हिंदी प्रगति रिपोर्ट की

समीक्षा, हिंदी शिक्षण एवं प्रशिक्षण की स्थिति, हिंदी पुस्तकों की खरीद, हिंदी कार्यशालाओं का आयोजन आदि पर विचार विमर्श किया गया। सभी क्षेत्रीय कार्यालयों में इस प्रकार की बैठकों का आयोजन समय-समय पर किया जाता है।

2. मुख्यालय में हिंदी पखवाड़े का आयोजन - भारतीय खान ब्यूरो में 3 से 14 सितंबर 2012 के दौरान हिंदी पखवाड़े का आयोजन किया गया। उद्घाटन अवसर पर अपने वक्तव्य में खान नियंत्रक (समन्वय) एवं राजभाषा अधिकारी श्री एम.के.पराशर ने अधिकाधिक कार्य हिंदी में करने पर जोर दिया। इससे पूर्व उप-निदेशक (राजभाषा) श्री आर. एन.शर्मा ने हिंदी प्रगति की रिपोर्ट प्रस्तुत की। पखवाड़े के दौरान हिंदी निबंध, टिप्पण आलेखन, हिंदी टंकण, हिंदी सुलेखन, परिसंवाद एवं तात्कालिक भाषण आदि का आयोजन किया गया। हिंदी पखवाड़े के सभी कार्यक्रम उप-निदेशक (राजभाषा) श्री आर.एन.शर्मा के मार्गदर्शन में संपन्न हुए।

हिंदी पखवाड़े के समापन कार्यक्रम की अध्यक्षता श्री पराशर ने की। इस अवसर पर श्री शर्मा मंच पर उपस्थित थे। श्री पराशर के कर कमलों से प्रतियोगिता के विजेताओं को पुरस्कृत किया गया। नागपुर से प्रकाशित होने वाले प्रमुख अखबारों में ब्यूरो में मनाए गए हिंदी पखवाड़े का समाचार प्रकाशित हुआ।

3. मुख्यालय में हिंदी दिवस का आयोजन - 14 सितंबर 2012 को भारतीय खान ब्यूरो मुख्यालय में हिंदी दिवस समारोह का आयोजन किया गया। इस अवसर पर माननीय गृहमंत्री श्री सुशील कुमार शिंदे का संदेश पढ़कर सुनाया गया। श्री सुशील कुमार शिंदे ने अपने संदेश में कहा कि राजभाषा हिंदी में सरकारी कामकाज करने से सरकार और जनता के बीच परस्पर विश्वास बढ़ता है, जो कल्याणकारी राज्य की संकल्पना को मूर्त रूप देने में अत्यंत आवश्यक है। उन्होंने कहा कि देश और समाज के व्यापक हित में राजभाषा हिंदी के प्रति जनता और सरकारी तंत्र दोनों को अधिक से



भारतीय खान ब्यूरो के कोलकाता क्षेत्रीय कार्यालय में आयोजित हिंदी पखवाड़ा के अवसर पर आयोजित पत्र लेखन प्रतियोगिता में भाग लेते कर्मचारी गण. (दाएं) भा. खा. ब्यूरो के अजमेर स्थित क्षेत्रीय कार्यालय एवं अयस्क प्रसाधन प्रयोगशाला में संयुक्त रूप से आयोजित हिन्दी पखवाड़ा में मुख्य अतिथि के रूप में उपस्थित आयकर आयुक्त श्री ओ. पी. जैन (मध्य), उप खान नियंत्रक हरकेश मीना, अयस्क प्रसाधन प्रयोगशाला के प्रभारी डॉ. बी. पी. रवि, उप अयस्क प्रसाधन अधिकारी श्री. जे. विजय कुमार एवं वरिष्ठ सहायक खान नियंत्रक बी. एल. गुर्जर मंच पर विराजमान थे.

अधिक संवेदनशील और सक्रिय बनाए जाने की आवश्यकता है.

4. खान मंत्रालय की हिंदी सलाहकार समिति की बैठक – खान मंत्रालय की हिंदी सलाहकार समिति की बैठक का आयोजन 11 जुलाई 2012 को नई दिल्ली में माननीय खान राज्य मंत्री श्री दिनशा पटेल की अध्यक्षता में किया गया था. इस बैठक में संसद सदस्यों के अलावा खान मंत्रालय के उच्च अधिकारी एवं विभिन्न विभागों के प्रमुख भी शामिल थे. भारतीय खान ब्यूरो की ओर से महानियंत्रक महोदय श्री सी. एस. गुंडेवार एवं उप-निदेशक (राजभाषा) श्री आर. एन. शर्मा ने हिस्सा लिया. बैठक में लोकसभा संसद सदस्य श्री भोलासिंह एवं राज्य सभा संसद सदस्य श्रीमती रेणुबाला प्रमुखता से उपस्थित थी.

माननीय खान मंत्री श्री दिनशा पटेल ने अपने अध्यक्षीय संबोधन में कहा कि केंद्र सरकार की नीति के अनुसार राजभाषा का प्रचार एवं प्रसार उत्साहपूर्वक किया जाना चाहिए. साथ ही मंत्रालय में भी राजभाषा हिंदी के प्रयोग को बढ़ाने का संकल्प लेना चाहिए. इस अवसर पर अन्य सदस्यों ने भी अपने विचार व्यक्त किए.

5. खान मंत्रालय की विभागीय राजभाषा कार्यान्वयन समिति की बैठक – खान मंत्रालय की विभागीय राजभाषा कार्यान्वयन समिति की बैठक का आयोजन 12 सितंबर 2012 को नई दिल्ली में संयुक्त सचिव(खान) की अध्यक्षता में किया गया. भारतीय खान ब्यूरो की ओर से उप-निदेशक(राजभाषा) श्री आर.एन.शर्मा ने इस बैठक में भाग लिया. उक्त बैठक के कार्यवृत्त पर अनुवर्ती कार्रवाई खान मंत्रालय को भेजी गई.

6. अनुवाद कार्य – वर्ष के दौरान विभिन्न महत्वपूर्ण तकनीकी एवं प्रशासनिक दस्तावेजों का हिंदी अनुवाद किया गया. वर्ष 2013-14 के लिए आउट कम बजट एवं खान मंत्रालय की 250 पृष्ठों की वार्षिक रिपोर्ट का हिंदी अनुवाद किया गया.

इसके अतिरिक्त 20 पृष्ठों का पार्लियामेंट एशोरंस का हिंदी अनुवाद किया गया. साथ ही एमएसएमपी के करीब 20 पृष्ठों का

हिंदी अनुवाद किया गया. इसके अलावा समय-समय पर खान मंत्रालय से प्राप्त विभिन्न दस्तावेजों का हिंदी अनुवाद कर मंत्रालय भेजा गया.

7. नराकास में भारतीय खान ब्यूरो की सहभागिता – नगर राजभाषा कार्यान्वयन समिति (नराकास) के तत्वावधान में आयोजित विभिन्न प्रतियोगिताओं में भारतीय खान ब्यूरो के अधिकारी एवं कर्मचारी उत्साहपूर्वक भाग लेते हैं.

नराकास द्वारा आयोजित छः माही बैठक में भी भारतीय खान ब्यूरो के प्रतिनिधि प्रमुखता से उपस्थित रहे . 29 जून 2012 को आयोजित नगर राजभाषा कार्यान्वयन समिति की बैठक में महानियंत्रक महोदय श्री सी. एस. गुंडेवार, राजभाषा अधिकारी श्री एम. के. पराशर तथा उप-निदेशक (राजभाषा) श्री आर. एन. शर्मा ने भाग लिया. उसी प्रकार 5 दिसंबर 2012 को आयोजित बैठक में राजभाषा अधिकारी श्री एम. के. पराशर तथा श्री शर्मा उपस्थित थे.

8. हिंदी प्रोत्साहन पुरस्कार – वर्ष 2011-12 के लिए हिंदी प्रोत्साहन पुरस्कार योजना में भारतीय खान ब्यूरो के 9 कार्यालयों के कुल 39 कर्मचारियों ने भाग लिया. उन्हें हिंदी टिप्पण एवं आलेखन हेतु प्रथम, द्वितीय तथा तृतीय पुरस्कार दिया गया.

9. उदयपुर क्षेत्रीय कार्यालय का निरीक्षण – संसदीय राजभाषा समिति की तीसरी उपसमिति द्वारा 18 अक्टूबर 2012 को उदयपुर क्षेत्रीय कार्यालय का राजभाषा निरीक्षण किया गया. उक्त बैठक में भारतीय खान ब्यूरो मुख्यालय की ओर से खान नियंत्रक (समन्वय) एवं राजभाषा अधिकारी श्री एम. के. पराशर तथा उप-निदेशक (राजभाषा) श्री रामनारायण शर्मा ने भाग लिया.

10. अजमेर कार्यालय का निरीक्षण – संसदीय राजभाषा समिति की आलेख एवं साक्ष्य उप-समिति द्वारा 01 अप्रैल 2013 को खान नियंत्रक (उत्तर) अजमेर का राजभाषा निरीक्षण किया गया. मुख्यालय की ओर से श्री आर.एन.शर्मा उपस्थित थे.



भा.खा.ब्यूरो के उदयपुर स्थित क्षेत्रीय कार्यालय में आयोजित हिंदी पखवाड़े का दीप प्रज्वलन कर उद्घाटन करते हुए क्षेत्रीय खान नियंत्रक श्री जे. आर. चौधरी तथा हिंदी सम्पर्क अधिकारी श्री हरीशचन्द्र शर्मा. (दाएँ) माडगांव-गोवा क्षेत्रीय कार्यालय में आयोजित राजभाषा हिंदी पखवाड़ा में वक्तव्य देते हुए गोवा विश्वविद्यालय की हिन्दी विभागाध्यक्ष सु. श्री इसरत खान एवं उपस्थित प्रधान सहायक श्री जी. ए. साटेलकर, क्षेत्रीय खान नियंत्रक श्री एस. टियू तथा स. खा. श्री जी. राम.

हिंदी कार्यशालाओं का आयोजन

- जबलपुर क्षेत्रीय कार्यालय – जबलपुर क्षेत्रीय कार्यालय में 25 से 27 अप्रैल 2012 के दौरान तीन दिवसीय हिंदी कार्यशाला का आयोजन किया गया. जिसमें उक्त कार्यालय के 15 अधिकारियों एवं कर्मचारियों ने हिस्सा लिया.
- भारतीय खान ब्यूरो मुख्यालय – भारतीय खान ब्यूरो मुख्यालय में 10 व 11 मई 2012 के दौरान दो दिवसीय हिंदी कार्यशाला का आयोजन किया गया. जिसमें 10 अधिकारियों एवं कर्मचारियों ने भाग लिया.
- चेन्नई क्षेत्रीय कार्यालय – चेन्नई क्षेत्रीय कार्यालय में 23 से 25 मई 2012 के दौरान आयोजित कार्यशाला में 11 अधिकारियों/कर्मचारियों ने भाग लिया. इस अवधि में कार्यालय का राजभाषा निरीक्षण भी किया गया.
- गोवा क्षेत्रीय कार्यालय – गोवा क्षेत्रीय कार्यालय में 24 से 27 जुलाई 2012 के दौरान आयोजित चार दिवसीय हिंदी कार्यशाला में 15 अधिकारियों एवं कर्मचारियों ने भाग लिया. उक्त अवधि के दौरान कार्यालय का राजभाषा निरीक्षण भी किया गया.
- उदयपुर क्षेत्रीय कार्यालय – उदयपुर क्षेत्रीय कार्यालय में 26 से 28 सितंबर 2012 के दौरान तीन दिवसीय हिंदी कार्यशाला का आयोजन किया गया. जिसमें उक्त कार्यालय के 15 अधिकारियों एवं कर्मचारियों ने भाग लिया. इसी अवधि में कार्यालय का राजभाषा निरीक्षण संपन्न हुआ.
- भुवनेश्वर कार्यालय – भुवनेश्वर कार्यालय में 27 दिसंबर से 28 दिसंबर 2012 के दौरान दो दिवसीय हिंदी कार्यशाला का आयोजन किया गया. जिसमें उक्त कार्यालय के 15 अधिकारियों/कर्मचारियों ने भाग लिया. इसी समय यहाँ राजभाषा निरीक्षण भी किया गया.
- हैदराबाद क्षेत्रीय कार्यालय – हैदराबाद क्षेत्रीय कार्यालय में 10 व 11 जनवरी 2013 के दौरान दो दिवसीय हिंदी कार्यशाला का आयोजन किया गया. जिसमें उक्त कार्यालय के 25 अधिकारियों/कर्मचारियों ने भाग लिया. उक्त अवधि में कार्यालय का राजभाषा निरीक्षण भी किया गया.
- अजमेर क्षेत्रीय कार्यालय – अजमेर क्षेत्रीय कार्यालय में 21 व 22 मार्च 2013 को दो दिवसीय हिंदी कार्यशाला का आयोजन किया गया जिसमें उक्त कार्यालय के 20 अधिकारियों/कर्मचारियों ने भाग लिया.
- बंगलोर क्षेत्रीय कार्यालय – बंगलोर स्थित तीनों कार्यालयों में दो दिवसीय हिंदी कार्यशाला का आयोजन जून 2013 में किया गया जिसमें उक्त कार्यालय के 20 अधिकारियों/कर्मचारियों ने भाग लिया. उक्त अवधि के दौरान कार्यालय का राजभाषा निरीक्षण भी किया गया.
- अयस्क प्रसाधन प्रयोगशाला हिंगणा – अयस्क प्रसाधन प्रयोगशाला, हिंगणा में 9 से 10 जुलाई 2013 के दौरान दो दिवसीय हिंदी कार्यशाला का आयोजन किया गया जिसमें 20 कर्मचारियों ने भाग लिया.

ANNEXURES



I. COMPOSITION OF IBM ADVISORY BOARD

Chairman

1. Secretary,
Ministry of Mines,
Shastri Bhavan, New Delhi 110115

Members

2. Sp. Secretary/Additional Secretary
Ministry of Mines,
Shastri Bhavan, New Delhi 110115
3. Additional/Joint Secretary & Financial
Advisor, Ministry of Mines.
Shastri Bhavan, New Delhi 110115
4. Joint Secretary (In charge, IBM),
Ministry of Mines
Shastri Bhavan, New Delhi 110115
5. Director/Deputy Secretary
(In charge of IBM), Ministry of Mines
Shastri Bhavan, New Delhi 110115
6. Controller General,
Indian Bureau of Mines,
Civil Lines, Nagpur 440001.
7. Director General, Geological Survey of India,
27, J.L.Nehru Road, Kolkata 700016
8. Director General,
Directorate of Mines Safety,
Dhanbad
9. Adviser(I &M), Planning Commission,
Yojna Bhavan, Sansad Marg,
New Delhi.110001
10. A Representative of Ministry of Steel, Udyog
Bhavan, New Delhi.
11. A Representative of Department of Science &
Technology, New Delhi.
12. A Representative of Ministry of Environment
& Forests, New Delhi.
13. President/Secretary General,
Federation of Indian Mineral Industries, 301,
Bakshi House, 40-41
Nehru Place, New Delhi.110019
14. A Representative of Government of Odisha.
15. A Representative of Government of
Chhattisgarh.
16. A Representative of Government of Gujarat.
17. A Representative of Government of Andhra
Pradesh.
18. A Representative of Government of
Rajasthan.
19. A Representative of Government of
Karnataka.
20. A Representative of Government of Goa
21. Chairman-cum-Managing Director, Hindustan
Copper Limited, Kolkata.
22. Chairman-cum-Managing Director, National
Aluminium Company Ltd, Bhubaneswar.
23. Chairman-cum-Managing Director,
MOIL Ltd Nagpur.
24. Director,
National Metallurgical Laboratory,
Jamshedpur.
25. Director,
Indian School of Mines, Dhanbad.
26. Professor,
Department of Mining, VNIT, Nagpur.
27. Any other member as special invitee.
28. **Member Secretary**
Technical Secretary to Controller General,
Indian Bureau of Mines, Nagpur.

* Present composition of IBM Advisory Board as per Resolution No.35/1/2011-M.III dated 3rd July, 2012.

II. LIST OF ORE DRESSING INVESTIGATIONS COMPLETED (APRIL, 2012 TO MARCH, 2013)

NAGPUR	
<u>1967</u> L/C	Rod Mill work Index Determination on Iron Ore (HLO) sample from Taldih Area for M/s National Mineral Development Corporation.
<u>1968</u> L/C	Rod Mill work Index Determination on Iron Ore sample from NMDC for M/s National Mineral Development Corporation.
<u>1969</u> F/C	Bench Scale beneficiation studies on low grade iron ore sample from Meralgora Mines for M/s Rungta Mines Ltd.
<u>1970</u> F/C	Bench Scale Beneficiation studies on sub grade iron ore sample from Sanindpur Mines for M/s Rungta Son's Pvt. Ltd, Keonihar dist., Odisha.
<u>1971</u> F/C	Bench scale beneficiation studies on a Lime Kankar (screens reject) sample from Maravarperunguddi / Maniyakaranpatti mines for M/s India Cement, Tirunelveli, Tamil Nadu.
<u>1972</u> F/C	Bench scale beneficiation studies on an iron ore sample from Jajang mines for M/s Rungta Mines Ltd, Keonihar dist., Odisha.
<u>1973</u> F/C	Bench scale beneficiation studies on a Bauxite sample from Belgaum area, Karnataka for M/s Hindalco Industries Ltd.
<u>1974</u> L/C	Wet screen analysis of iron ore Blue dust sample from M/s Jakhodia Minerals, Jabalpur, M.P.
<u>1975</u> F/NC	Bench scale beneficiation studies on Phosphorite sample (SAMCG-3) from Durg distt., Chhattisgarh for G.S.I., Central Region, Nagpur (Departmental studies).
<u>1976</u> F/C	Bench Scale beneficiation studies on a crystalline Limestone sample from Tamil Nadu. For M/s India Cement Limited.
<u>1977</u> F/C	Bench Scale Beneficiation studies on an iron ore sample from Jajang-II Mines for M/s Rungta Mines Ltd, Keonihar dist., Odisha.
<u>1978</u> F/C	Bench Scale Beneficiation Studies on a Heavy Mineral Sand sample for the recovery of Rutile Mineral for M/s Zibal Exim, Hyderabad, A.P.
<u>1979</u> F/C	Beneficiation of a Lead-Zinc sample from Abakaliki Project, Abuja, Ebonyi State, Nigeria for M/s Roval Salt Limited, Nigeria.
<u>1980</u> F/C	Bench scale beneficiation studies on an Iron Ore sample from Gunjewahi iron ore mines, distt. Chandrapur, Maharashtra for M/s Gahra Minerals Pvt. Ltd.
<u>1981</u> L/C	Bond's mill work index determination on a Lead-Zinc sample from Abakaliki mines, Royal Salt Ltd, Nigeria for M/s Roval Salt Limited, Nigeria.
<u>1982</u> L/C	Grindability determination test on a Lead-Zinc sample from Abakaliki mines, Royal Salt Ltd, Nigeria for M/s Roval Salt Limited, Nigeria.
<u>1983</u> L/C	Bond's Ball Mill Work Index determination of an iron ore sample from Agrawal Iron & Industries, Bastar dist., Chattisgarh.
<u>1984</u> F/C	Bench scale beneficiation studies on copper ore sample from KIMPE Mines (KM01) for M/s Excelsource International Pvt. Ltd, DR Congo Central Africa for M/s Excelsource International Pvt. Ltd.

<u>1985</u> F/C	Bench scale beneficiation studies on a low grade iron ore sample from Sihora area, Dist. Jabalpur, M.P. for M/s Broken Hill Mining Company, Bhopal, M.P.
<u>1986</u> F/C	Bench scale beneficiation studies on a Manganese ore fines from Balaghat mines, Dist. Balaghat, M.P. for M/s Manganese Ore India Ltd.
<u>1987</u> F/NC	Bench scale beneficiation studies on a low grade Rock Phosphate sample (No. 1) from Jhabua dist.. M.P. for G. S. I. Central Region. Nagpur (Departmental studies).
<u>1988</u> F/C	Beneficiation studies on Cobalt bearing sample from Kisnfu mines, DR Congo, Central Africa for M/s Excelsource International Pvt.Ltd.
<u>1989</u> L/C	Tabling test on Manganese ore sample from KEMTECH Solution Pvt. Ltd, Pune (M.S.).
<u>1990</u> F/C	Bench scale beneficiation studies on a Manganese Fine sample from Dongri Buzurg, Dist. Bhandara, Maharashtra for M/s MOIL.
<u>1991</u> F/NC	Bench scale beneficiation studies on a Limestone sample from Karma mines, Dist. Bokaro, Jharkhand for RCOM, Ranchi.
<u>1992</u> F/NC	Beneficiation of Phosphorite sample (KHTMP-2) from Jhabua distt., M.P. for GSI, Central Region, Nagpur (Departmental studies).
AJMER	
<u>462</u> F/C	Bench Scale beneficiation studies on a Copper-Lead-Zinc sample from Savar mines, Tikhi Project, Udaipur, Rajasthan for M/s MECL, Nagpur.
<u>463</u> L/NC	Determination of Brightness values of 8 clay samples (GSK/Clay/Bng/)No.1 to 8 from RODL, IBM, Bangalore (Departmental studies).
<u>464</u> L/NC	Determination of Brightness values of 8 clay samples (GSK/Clay/Bng/)No.9 to 16 from RODL, IBM, Bangalore (Departmental studies).
<u>465</u> L/NC	Determination of Brightness values of 8 clay samples (GSK/Clay/Bng/)No.17 to 24 from RODL, IBM, Bangalore (Departmental studies).
<u>466</u> L/NC	Determination of Brightness values of 8 clay samples (GSK/Clay/Bng/)No.25 to 33 from RODL, IBM, Bengaluru (Departmental studies).
<u>467</u> F/C	Bench scale beneficiation studies on a composite iron ore sample from Circonita, Corcho, Llano and Pobo mines of Spain for M/s.Cargill India Pvt. Ltd, Bengaluru.
<u>468</u> F/C	Bench scale flotation studies on a Rock-phosphate sample from La-Negra mine, Hidalgo, Mexico for M/s Ingwania Minerals tech pvt. Ltd Bengaluru.
<u>469</u> L/C	Determination of Bond's work index of Rock phosphate sample from La-Nagra Mines Hindalگو, Mexico for M/s Ingwania Mineral Tech Pvt. Ltd Bengaluru.
<u>470</u> F/C	Bench scale beneficiation study of a White Limestone (Calcite-AMJ-II) sample from Tirunelveli, Tamil Nadu for M/s. Wolkem India Limited, Sirohi, Rajasthan.
<u>471</u> L/NC	Larox pressure filtration studies on an iron ore concentrate for RODL, IBM, Bangalore (Departmental).
<u>472</u> L/NC	Larox pressure filtration studies on an iron ore tails for RODL, IBM, Bangalore (Departmental).
<u>473</u> F/C	Order of magnitude equipment sizing for sub grade iron ore beneficiation project from S.R. M.E. mine, Ramgad, Sandur, Bellary district, Karnataka for M/s V. T. Industrial Corporation Limited, Bengaluru.

<u>474</u> L/C	Characterisation, particle size analysis and amenability studies of a Iron Ore Sample from Dharampura Mines, District, Jabalpur (MP) for M/s Geomin Industries Pvt. Ltd, Jabalpur.
<u>475</u> F/NC	Physical, mineralogical & chemical characterisation studies of a Chalk sample (Adityana Crude Chalk, CH-1) for RCOM, IBM, Udaipur, Raiasthan.
<u>476</u> F/NC	Physical, mineralogical & chemical characterisation studies of a Chalk sample (Adityana Levigated Chalk, CH-2) for RCOM, IBM, Udaipur, Raiasthan.
<u>477</u> F/NC	Physical, mineralogical & chemical characterisation studies of a Chalk sample (Pransla Crude Chalk, CH-3) for RCOM, IBM, Udaipur, Raiasthan.
<u>478</u> F/NC	Physical, mineralogical & chemical characterisation studies of a Chalk sample (Pransla Levigated Chalk, CH-4) for RCOM, IBM, Udaipur, Raiasthan.
<u>479-492</u> 14L/C	Characterisation of Clay Sample (Gurha-1 to Gurha-14) from Gurha, Bikaner distt. Raiasthan for Mines & Geology Department, Gurha, Bikaner.
<u>493</u> F/C (PP)	Pilot Scale spiral classification of a mill feed Graphite sample from Sivaganga, Tamilnadu for M/s Tamilnadu Minerals Limited, Sivaganga.
<u>494</u> F/C	Bench scale beneficiation studies on a drill core copper ore sample (Composite) from Ghuzyn mine, Sultanate of Oman for M/s Mawarid Mining Company, LLC, Sohar, Sultanate of Oman.
<u>495</u> L/C	Determination of Bond's Work Index of a Copper Composite sample from Ghuzyn mine, Sultanate of Oman for M/s Mawarid Mining Company, LLC, Sohar, Sultanate of Oman.
<u>496</u> L/C	Limited Bench Scale beneficiation studies on a Drill Core Copper Ore Sample (Low Grade-Top) from Ghuzyn mine, Sultanate of Oman for M/s Mawarid Mining Company, LLC, Sohar, Sultanate of Oman.
<u>497</u> L/C	Limited Bench Scale beneficiation studies on a Drill Core Copper Ore Sample (Low Grade-Bottom) from Ghuzyn mine, Sultanate of Oman for M/s Mawarid Mining Company, LLC, Sohar, Sultanate of Oman.
<u>498</u> L/C	Limited Bench Scale beneficiation studies on a Drill Core Copper Ore Sample (High Grade-Top) from Ghuzyn mine, Sultanate of Oman for M/s Mawarid Mining Company, LLC, Sohar, Sultanate of Oman.
<u>499</u> L/C	Limited Bench Scale beneficiation studies on a Drill Core Copper Ore Sample (High Grade-Bottom) from Ghuzyn mine, Sultanate of Oman for M/s Mawarid Mining Company, LLC, Sohar, Sultanate of Oman.
<u>500</u> L/C	Limited Bench Scale beneficiation studies on a Drill Core Copper Ore Sample (Low Grade-Intermediate) from Ghuzyn mine, Sultanate of Oman for M/s Mawarid Mining Company, LLC, Sohar, Sultanate of Oman.
<u>501</u> L/C	Limited Bench Scale beneficiation studies on a Drill Core Copper Ore Sample (Low Grade-Stock) from Ghuzyn mine, Sultanate of Oman for M/s Mawarid Mining Company, LLC, Sohar, Sultanate of Oman.
<u>502</u> L/C	Limited Scale Characterisation studies on a Rock Phosphate sample from Egypt for M/s FCI Aravali Gypsum and Minerals India Ltd, Jodhpur, Raiasthan.

<u>503</u> L/C	Wet sieve analysis on a Cyclone over flow slurry sample from Bhilwara, Rajasthan for M/s Jindal Saw Ltd, Bhilwara, Raiasthan.
<u>504</u> L/C	Sub sieve analysis on a Cyclone over flow slurry sample from Bhilwara, Rajasthan for M/s Jindal Saw Ltd, Bhilwara, Raiasthan.
<u>505</u> L/C	Wet sieve analysis on a SMC Concentrate slurry sample from Bhilwara, Rajasthan for M/s Jindal Saw Ltd, Bhilwara, Raiasthan.
<u>506</u> L/C	Sub sieve analysis on a SMC Concentrate slurry sample from Bhilwara, Rajasthan for M/s Jindal Saw Ltd, Bhilwara, Raiasthan.
<u>507</u> F/C	Reduction of Silica in iron ore tailing from beneficiation plant, Hospet, Karnataka Sample No. BMM-4275, TP-2 for M/s BMM Ispat Ltd, Danapur Hospet Karnataka.
<u>508</u> F/C	Bench scale beneficiation studies of an Iron ore tailing sample (Pond No. 1, BMM/4091) from Beneficiation plant, Danapur, Hospet dist., Karnataka for M/s BMM Ispat Ltd, Bellary, Karnataka.
BENGALURU	
<u>670</u> 2F& 3L/C	Beneficiation, Grindability, Work Index and Dewatering Studies on an Iron Ore Sample From Shivasandra Mines, Gubbi Taluk, Tumkur District for Canara Minerals Pvt. Ltd, Sandur, Kamataka.
<u>671</u> F/C	Beneficiation studies on BMQ exploratory sample from Mincheri forest, Vuravakonda Mandal, Rayadurga taluk, Ananthapur dist., A.P. for M/s Loha Processors & Traders, Bellary.
<u>672</u> L/C	Limited test on a Iron ore sample from Koira taluk, Keonjhar district of Odisha for M/s Shri Umesh Shivanigi, Bengaluru.
<u>673</u> L/C	Limited exfoliation studies on a Vermiculite sample from Marupuru, Podalakur, SPSR Nellore District, AP for Department of Mines & Geology, Nellore, AP.
<u>674</u> F/C	Order of magnitude equipment sizing for sub grade iron ore fines beneficiation project from Bidrebommenahalli village, Chitradurga dist., Karnataka for M/s Gem Laboratories Private Limited, Bengaluru.
<u>675</u> 2L/C	Limited test on two samples of an iron ore received from M/s McNally Sayaji Eng. Ltd, Bengaluru.
<u>676</u> L/C	Determination of ball mill Bond's work index of an iron ore sample from KIOCL, Karnataka for M/s Kundremukh Iron Ore Company Limited, Bengaluru.
<u>677</u> F&L/C	Bench scale beneficiation studies and Bond's Ball Mill Work Index determination on a sub-grade iron ore sample from S.R.M.E. Mines, Ramgad, Sandur Taluk, Bellary District, Karnataka State for M/s V.T. Industrial Corporation Limited, Bengaluru.
<u>678</u> F/C	Bench scale beneficiation studies on a sub-grade iron ore sample No. 2, Lakshmi Pit from Kadapa, Andhra Pradesh State for M/s Oremet Minerals & Metals Pvt. Ltd, Kadapa, A.P.
<u>679</u> F/C	Beneficiation Studies on an Iron Ore sample (No.1) from middle Pit, Chabali Village, adapa (AP) for M/s Ore Met Minerals & Metals Pvt. Ltd, Kadapa, A.P.

<u>680</u> 1F&1L/C	Dewatering and work index studies on a low grade iron ore sample from S.R.M.E. Mines, Ramgarh, Sandur Taluk, Bellary District, Karnataka state for M/s V.T. Industrial Corporation Ltd, Bengaluru.
<u>681</u> F&1 L/C	Beneficiation studies and size analysis on a low grade iron ore sample from Siago mines, Goa for M/s Salgaocar Pvt. Ltd, Goa.
<u>682</u> F/C (PP)	Pilot Plant scale beneficiation studies on low grade Barite sample Mangampet area, Cuddapah dist., A.P. for M/s GIMPEX AP Barite Beneficiation Pvt. Ltd, Chennai.
<u>683</u> F&1 L/C	Bench scale beneficiation studies and Bond's Work Index determination of a low grade banded iron ore-quartz sample from Dhuthanerkaval Village, CR Patna Taluk, Hassan Dist., Karnataka for M/s Maharshi Ores Pvt. Ltd.
<u>684</u> L/C	Determination of Bond's Work Index determination on an iron ore sample from KIOCL, Mangalore.
<u>685</u> 3F/C	Beneficiation studies on an Iron ore sample from KTIO Mines, Sandur Taluk, Bellary District, Karnataka for M/s Sandur Manganese and Iron Ore Ltd, Bengaluru.

LIST OF PILOT PLANT INVESTIGATIONS COMPLETED

NAGPUR	
	Nil
AJMER	
<u>493</u> F/C (PP)	Pilot Scale spiral classification of a mill feed Graphite sample from Sivaganga, Tamilnadu for M/s Tamilnadu Minerals Limited, Sivaganga.
BENGALURU	
<u>682</u> F/C (PP)	Pilot Plant scale beneficiation studies on low grade Barite sample Mangampet area, Cuddapah dist., A.P. for M/s GIMPEX AP Barite Beneficiation Pvt. Ltd, Chennai.

LIST OF DEPARTMENTAL STUDIES COMPLETED

NAGPUR	
<u>1975</u> F/NC	Bench scale beneficiation studies on Phosphorite sample (SAMCG-3) from Durg distt., Chhattisgarh for G.S.I., Central Region, Nagpur (Departmental studies).
<u>1987</u> F/NC	Bench scale beneficiation studies on a low grade Rock Phosphate sample (No. 1) from Jhabua dist., M.P. for G. S. I. Central Region, Nagpur (Departmental studies).
<u>1992</u> F/NC	Beneficiation of Phosphorite sample (KHTMP-2) from Jhabua distt., M.P. for GSI, Central Region, Nagpur (Departmental studies).

AJMER	
<u>463</u> L/NC	Determination of Brightness values of 8 clay samples (GSK/Clay/Bng/)No.1 to 8 from RODL, IBM, Bangalore (Departmental studies).
<u>464</u> L/NC	Determination of Brightness values of 8 clay samples (GSK/Clay/Bng/)No.9 to 16 from RODL, IBM, Bangalore (Departmental studies).
<u>465</u> L/NC	Determination of Brightness values of 8 clay samples (GSK/Clay/Bng/)No.17 to 24 from RODL, IBM, Bangalore (Departmental studies).
<u>466</u> L/NC	Determination of Brightness values of 8 clay samples (GSK/Clay/Bng/)No.25 to 33 from RODL, IBM, Bangalore (Departmental studies).
<u>471</u> L/NC	Larox pressure filtration studies on an iron ore concentrate for RODL, IBM, Bangalore (Departmental).
<u>472</u> L/NC	Larox pressure filtration studies on an iron ore tails for RODL, IBM, Bangalore (Departmental).
BENGALURU	
	NIL

LIST OF ORE DRESSING INVESTIGATIONS COMPLETED FOR RCOM'S

NAGPUR	
<u>1991</u> F/NC	Bench scale beneficiation studies on a Limestone sample from Karma mines, Dist. Bokaro, Jharkhand for RCOM, Ranchi.
AJMER	
<u>475</u> F/NC	Physical, mineralogical & chemical characterisation studies of a Chalk sample (Adityana Crude Chalk, CH-1) for RCOM, IBM, Udaipur, Rajasthan.
<u>476</u> F/NC	Physical, mineralogical & chemical characterisation studies of a Chalk sample (Adityana Levigated Chalk, CH-2) for RCOM, IBM, Udaipur, Rajasthan.
<u>477</u> F/NC	Physical, mineralogical & chemical characterisation studies of a Chalk sample (Pransla Crude Chalk, CH-3) for RCOM, IBM, Udaipur, Rajasthan.
<u>478</u> F/NC	Physical, mineralogical & chemical characterisation studies of a Chalk sample (Pransla Levigated Chalk, CH-4) for RCOM, IBM, Udaipur, Rajasthan.



III. FOREIGN DEPUTATION DURING 2012-13

S. No.	Name	Place of Visit	Date	Purpose
1	Shri B.S.Moroney, Suptd. Chemist	South Africa	23 rd to 26 th April 2012	To participate in the ISO/TC 102 Meeting at Cape Town, South Africa.
2	Dr R.N.Meshram, Chief Mineral Economist	Geneva, Switzerland	2 nd to 4 th May 2012	For attending the Third Session of UNECE Expert Group on Resource Classification.
3	Shri Y.G.Kale, Regional Controller of Mines	Quebec, Canada	24 th to 25 th May 2012	As a member of Indian delegation led by Secretary (Mines) for signing of MoU for co-operation with Quebec Province, Canada in the field of Mineral Resources and bilateral discussions.
4	Shri K.Thomas, Deputy Director General (Stat.)	Ulaanbaatar, Mongolia	20 th to 23 rd August 2012	To attend Meeting on 'Statistics for Economies based on Natural Resources'.
5	Shri T.K.Rath, Regional Controller of Mines	South Africa	4 th to 7 th February, 2013	To participate in the 'Mining Indaba 2013'.
6	Shri V.K.Misar Senior Mining Geologist	Canada	3 rd to 6 th March, 2013	For attending the Annual Convention & Trade Show of Prospectors & Developers Association of Canada (PDAC 2013) in Toronto.



IV. PARTICIPATION IN SEMINARS/SYMPOSIA / WORKSHOPS ETC. DURING THE YEAR 2012-13

(i) Shri V. K. Misar, SMG and H. C. Sharma, ACOM attended National Seminar on "Environment & CSR Challenges vis-à-vis New Mining Bill & Land Acquisition Policy" organised by the Mining Engineers' Association of India, Veraval-Porbandar Chapter, at Somnath during 13-14 April, 2012. Two technical papers (i) Development of Framework of Sustainable Development for Mining Sector - Emerging Scenario by S/Shri Y.G. Kale, RCOM & TS and C. S. Gundewar, CG, IBM and (ii) Amendment of Rule 45 of MCDR, 1988 and Role of IBM and Mining Industry & Mineral Users by S/Shri V.K. Misar, SMG and Ranjan Sahai, COM have been contributed from IBM for the seminar.

(ii) S/Shri T. K. Rath, RCOM, Ibrahim Sharif, ACOM and A Raja Singh, AMG participated as delegates from IBM in the Golden Jubilee Seminar on "Mining Technology (MineTech2012)" organised by the Indian Mining & Engineering Journal at Bhubaneswar during 04-05 May, 2012.

(iii) S/Shri Ranjan Sahai, COM, A. B. Panigrahi, RCOM, P.P. Chakrabarti, DCOM and M.K. Somani, SMG participated as delegates from IBM in the International Symposium on "New Equipment, New Technology Management & Safety in Mining & Mineral Based Industries" organised jointly by the Indian Mineral Industry Journal & GEOMINETECH, at Bhubaneswar during 11-12 May, 2012.

(iv) Shri D. D. Bharadwaj, ACOM attended "India Minerals & Metals Forum" organised by the Indian Chamber of Commerce on 11 July, 2012 at New Delhi.

(v) S/Shri (Dr.) B. P. Sinha, COM, S. P. Goyal, COM and J. R. Chaudhary, RCOM participated as delegates from IBM in the National Seminar on "Mining, Environment and CSR Current Trends & Future Scenario" organised by the Porbander-Veraval Chapter of Mining Engineers' Association of India at Ahmedabad during 13-14 July, 2012. Dr. Sinha presented a paper titled 'An Approach towards Green Economy & Sustainable Framework' in the seminar.

(vi) 'Mining, Exploration Convention & Trade

Show (Mining MAZMA-2012) was organised by the Federation of Indian Mineral Industries (FIMI) during 30 Aug., 2012 to 01 Sept., 2012 at Bengaluru. The convention was sponsored by the Ministry of Mines, Government of India. Concurrently, a conference was also held which was inaugurated by Shri K.S. Eshwarappa, Hon'ble Deputy Chief Minister of Karnataka. The conference was attended by Shri R.H. Khwaja, Secretary Mines and Shri S. V. Ranganath, Chief Secretary to the Government of Karnataka as Guests of Honour, while Shri S. K. Srivastava, Secretary to the Government of India; Ministry of Coal delivered the key-note address. Shri C.S. Gundewar along with S/Shri R. K. Sinha, COM, B. Ram Mohan, RCOM, Y. G. Kale, RCOM & TS and R. N. Selvan, Sg.MG participated in the Conference. IBM also put up a stall displaying functions & activities of IBM along with its publications. The stall was well visited by number of dignitaries.

(vii) XXVI International Mineral Processing Congress (IMPC-2012) was organised jointly by Indian Institute of Mineral Engineers and Indian Institute of Metals during 24-28 September, 2012 at New Delhi. Shri C.S. Gundewar attended the Congress and presented a key-note paper on 'Iron Ore Industry – An Overview'. S/Shri Mohan Ram, SOOD, B. S. Moroney, Suptd. Chemist, M.S. Rao, ODO, (Smt.) S. M. Lal, ODO, (Dr.) B. P. Ravi, ODO, N. P. Haran, DODO, A. K. Sengupta, DODO, (Dr.) M. I. Hussain, DODO T. H. Banerjee, DODO and A. B. K. Prasad, AODO participated in the Congress as delegates from IBM. During the Congress, following three technical papers were presented by IBM officers:

□ Characterisation of Indian Rock Phosphate – A Case Study, jointly authored by Shri Mohan Ram, SOOD, Smt. S. M. Lal, ODO and Shri C.S. Gundewar, CG, IBM.

□ Selection of Technique & Instruments for Elemental Determination in Various Ores, Minerals & Beneficiated Products jointly authored by S/Shri B. S. Moroney, Suptdg. Chemist and Mohan Ram, SOOD.

□ Beneficiation & De-watering Studies on Sub-grade Iron Ore Sample from Odisha, India

jointly authored by S/Shri N. P. Haran, DODO, (Smt.) Indira Ravindran, DODO, A.B. K. Prasad, AODO, B. Devprasad Ananth, STA, A. Mazumdar, SOOD (Retd.), Mohan Ram, SOOD and Shri C.S.Gundewar, CG, IBM.

(viii) Dr. B. P. Sinha, COM attended First Indian Life Cycle Assessment & Management Conference organised by the MoEF, FICCI, UNEP & SETAC on 21-23 August, 2012 at New Delhi.

(ix) Dr. B. P. Sinha, COM participated in the International Symposium on Rock Fragmentation by Blasting – Fragblast 10 organised by the CSIR – Central Institute of Mining and Fuel Research held at New Delhi during 24-29 November, 2012 and presented a paper titled “Blasting in Mines – Linking Relationship between Parameters of Rock Mass & Ground Vibration”.

(x) S/Shri Mohan Ram, SOOD, M.S. Rao, ODO and (Dr.) V.A.J. Aruna, DODO participated in the National Seminar on “Exploration of Lean Grade Ore, Ore Fines and Urban Ores: Challenges, Problems and Solutions – LGO-2013” organised by the Institution of Engineers (India) at Jamshedpur during 22-23 January, 2013.

(xi) S/Shri A. B. Panigrahi, RCOM and Y. G. Kale, RCOM & TS participated in the International Conference on “Development in Best Mining Practices in Surface & Underground Mining and Innovative Developments in Mining Machinery” organised by the Journal of Mines, Metals & Fuels at Kolkata during 29-31 January, 2013. Shri Kale presented a paper in the conference titled 'Technology Related Policy Initiatives in India's Non-Coal Mining Sector' which was jointly authored by him with Shri C.S.Gundewar, CG, IBM.

(xii) National Conference on “Challenges in 21st Century Mining-Environment & Allied Issues” was held at Nagpur during 19-21 February, 2013. The Conference was organised by the Mining Engineers' Association of India, Nagpur Chapter. S/Shri S.P. Goyal, COM, S. Tiu, RCOM, A. B. Panigrahi, RCOM, P. N. Sharma, RCOM and J. N. Patel, DME attended the conference as delegates from IBM. Besides, Dr. B. P. Sinha, COM, Shri

Abhay Agrawal, DCOM, Dr. V.G.K. Bhagwan Gumma, SMG, Dr. A. K. Ghoshal, JMG and Shri A.D. Selokar, AMG presented their technical papers in the conference. The papers presented/contributed in the conference by IBM officers include:

- The Basic Framework of MCDR Bill, 2011 authored jointly by S/Shri Abhay Agrawal, DCOM and Ranjan Sahai, COM.
- An Overview of Graphite Mining in India – With Special Reference to Odisha State authored jointly by Shri A.D. Selokar, AMG, Shri J.N. Patel, DME and Dr. V.G.K. Bhagwan Gumma, SMG.
- Gallium, A Technology Element-Future Prospects of R&D, authored jointly by Dr V.G.K. Bhagwan Gumma, SMG, Shri Y.G. Kale, RCOM & TS and Shri K. Viswanath, Professor (Geology) (Retd.), Andhra University.
- Monitoring of Ground Vibrations Due to Blasting for Protection of Archeological Site – Monument Chhittorgarh Fort – A Case Study, authored by Dr. B. P. Sinha, COM.
- Rejuvenation Scenario of Old Abandoned Manganese Mines in Balaghat District of Madhya Pradesh State, India, authored by Dr A. K. Goshal, JMG and (vi) An Overview of Accidents Due to Fly Rock-Predictions & Mitigative Measures, authored jointly by Shri R. R. Dongre, Sr.ACOM, Shri P. Y. Dhekne, Department of Mining Engineering, NIT, Raipur and Dr. N.R. Thote, Department of Mining Engineering, VNIT, Nagpur.

(Xiii) 26th National Convention of Metallurgical & Material Engineers & National Seminar on “Exploitation of Lean Grade Ore, Ore Fines and Urban Ores: Challenges, Problems & Solutions (LGO-2013)” was organised by the Institutions of Engineers (India), Jamshedpur Local Centre at Jamshedpur during 22-23 January, 2013. S/Shri M. S. Rao, ODO, N.P. Haran, DODO and (Dr) V.A.J. Aruna, DODO attended the seminar as delegates from IBM. Shri M. S. Rao and Dr V.A.J. Aruna presented their technical papers in the seminar.

Shri M. S. Rao has also received Oral Presentation Award in the Recycling Session. The papers presented/contributed in the seminar by IBM officers include:

- Process Development for Recovery of Chromite Values from COB Plant Tailing Samples Collected from Various Operating Plant in Sukinda authored jointly by S/Shri M. S. Rao, DODO, Mohan Ram, CODO along with Shri C.S.Gundewar, CG, IBM.
- Recovery of Phosphate from Lean Resources, authored jointly by Dr. V.A.J. Aruna, DODO, DODO, N.P. Haran, DODO et al. and
- Characterisation and Beneficiation of Banded hematite Quartz Ore From Karnataka, authored jointly by Dr. S. M. Lal, ODO et al.

(xiv) National Symposium on “Present Technologies & Safety Scenario in Mining & Allied Industries (PTSM-2013) was organised by the Department of Mining Engineering, IIT (BHU) at Varanasi during 25-27 February, 2013.

Dr B. P. Sinha, COM attended the symposium and presented a paper on 'Green Economy & Sustainable Development Framework in India-Present Status and Future Prospects in Mining & Allied Industries'.

(xv) National Workshop on “Exploring Remote Sensing and GIS Techniques for Better Education and Governance” was organised by the Institution of Engineers (India), Nagpur Local Centre at Nagpur on 02 March, 2013.

Shri Parag Tadlimbkar, SMG, Dr. Omkesha Murthy, SMG, Shri U. L. Gupta, JMG, Ms Varsha Gharote, MO and Shri Ashish Mandavgane, STA (ME) attended the workshop as delegates from IBM.



V. REVIEW & RESTRUCTURING - STATUS OF IMPLEMENTATION

Sl No.	Recommendation	Achievement	Status
1	To prepare detailed guidelines on various compliance issues such as preparations of statutory documents; filling up of various forms and notices, and working of the monitoring tools for field level officers to ensure achievement of the objectives of the systematic, scientific and sustainable mining operations.	<ol style="list-style-type: none">1. UNFC guidelines have been prepared by IBM and posted on IBM website after approval of Ministry. The same have been sent to all State Governments on 24.12.2012 for compliance.2. Guidelines for self-assessment by the lessees in respect of SDF have been prepared and the same have been submitted to Ministry.3. To strengthen the monitoring mechanism of mining plan implementation, IBM prepared set of guidelines and format for compliance by the mining lessees regarding approved mining plan proposals. The same are being uploaded on the IBM's website.4. IBM prepared the Mining Plan/Scheme of Mining processing Guidelines and IBM inspection manual and uploaded it on the IBM website. To finalize the same, IBM organised a workshop at Nagpur on 15th and 16th April 2013 for all the stakeholders.5. IBM prepared set of guidelines for online registration and submission of monthly and annual return as per the amended Rule 45 of MCDR 1988. Further, IBM has conducted training programmes at various places in the country to create awareness and capacity building in online submission of statutory returns. More than 300 persons have been trained for online submission of statutory returns under Rule 45 of MCDR 1988.6. IBM also issued from time to time various guidelines and instructions to its Regional offices for effective regulation and administration of MCDR 1988.	Completed.

Sl No.	Recommendation	Achievement	Status
2	A system of an internal audit of the tasks performed by the Regional Office at the level of Zonal level should be introduced. The Divisional office, based on the performance of the Regional office and audit report of the Zonal office would rate the performance of both Zonal as well as the Regional offices.	75 audit of inspections were completed by Zonal Heads during the year 2012-13. This is a continuous process and targets have been kept in the IBM's Annual action Plan and RFD for the year 2013-14.	Completed.
3	The Mining Geologists should be involved in (a) Monitoring of Reconnaissance / Prospecting / Large Area Prospecting Licences (b) Compliance with UNFC (c) Examination of Geological aspects of Mining Plan/ Scheme of Mining (d) Implementations of Threshold values of (e) Regional Mineral Development Study (RMDS) (f) Updating National Mineral Inventory and (g) Preparations of Mineral Maps. The Regional Mineral Development Study (RMDS) of multi-disciplinary approach should be revived in view of sustainable development concerns. The scope of the study needs to be properly enlarged to cover the standards, procedures and practical guidance for Sustainable Development of Mineral Resources.	Through IBM's annual action plan IBM Geologists have been assigned: <ul style="list-style-type: none"> • Monitoring of Reconnaissance / Prospecting / Large Area Prospecting Licences. • Compliance with UNFC. • Examination of Geological aspects of Mining Plan/ Scheme of Mining. • Implementations of Threshold values. • Updation of National Mineral Inventory. • Modalities for Regional Mineral Development Studies (RMDS) (multi-disciplinary) are under preparation. 	Completed.

SI No.	Recommendation	Achievement	Status
4	Inspections in respect of mechanised and underground mines should be carried out by a team of Mining Engineers, Geologists and OD officers. The thrust of the inspections should be to ascertain the efforts put in by a miner to adopt processes for mechanisation, automation and computerisation.	Multi disciplinary inspections by a team of mining engineers, mining geologists and Ore Dressing Officers have been started. This is a continuous process and will be followed in consequent years.	Completed.
5	To improve the quality of mining plan, the grant of recognitions to qualified persons (RQPs) to prepare mining plans.	Amendment to the existing MMDR Act 1957 has been proposed and sent to Ministry vide letter dated 09.07.2012 for approval and notification. To finalise the modalities, IBM is organising a workshop for all the stakeholders.	Completed.
6	The outline and guidelines of mining plan should be more objective and should cover the latest techno-economic parameters for various mining verticals. To revise the format of Mining Plan and Scheme of Mining keeping in view the new provisions of Mines & Minerals (Development & Regulation) Bill 2011 and the Framework of Sustainable Development. IBM should identify the mandatory items, factual items and advisory items in a mining plan.	IBM prepared the Mining Plan/Scheme of Mining processing Guidelines and IBM inspection manual and uploaded on the IBM website for stakeholders' comments. After attending the possible modifications, revised guidelines have been sent to Ministry for approval. To finalise the same IBM is organising a workshop for all the stakeholders.	Completed.

Sl No.	Recommendation	Achievement	Status
7	To carry out regular inspection of operating plants to assess plant efficiency and loss of values in fines or tailing and suggest corrective measures to improve the performance of the plants. To examine for amendments in the statute for inspection of mineral beneficiation plants located outside mining lease areas.	Ore Dressing officers are carrying out in plant studies to suggest the corrective measures to improve the performance of the plants. During 2012-13, 9 (Nine) in-plant studies have been carried out by IBM. This is a continuous process and will be followed in consequent years.	Completed.
8	To enhance the consultancy charges by IBM to have level field amongst private and Government sectors.	IBM has notified revised Consultancy charges w.e.f. 01.03.2013.	Completed.
9	To attract investments into mining sector in India, IBM should make available all its publications on the web portal for downloading free of cost to registered users. To display on its website, links to important publications by other agencies in the mineral sector, i.e. GSI, State Directorate of Mining and Geology, and Industry Associations.	IBM is hosting all its publications on its official web site at www.ibm.nic.in at free of cost to all public.	Completed.

Sl No.	Recommendation	Achievement	Status
10	To develop a comprehensive web-enabled portal so that on-line submission of information and returns is made possible for facilitating faster processing and dissemination of information. The Regional offices should be the single authority where data should be filed and need to be designated as the concerned authority to ensure collection and maintenance of data.	Online registration of mine owners, stockists, traders and end users etc., submission of monthly and annual returns are made operational from IBM website. Mining lessees, traders, end users have been provided with User ID's and passwords for filing e-statutory returns. State Governments have been given User ID's and passwords with links to monitor the online submission of returns by the mine owners.	Completed.
11	The frequency of updation of mineral inventory needs to be condensed. IBM should equip with necessary logistics in the form of structural changes, hardware and software for handling huge inventory database and for online and continuous updation of mineral inventory.	The frequency of updation of mineral inventory has been condensed. IBM is taking up 12 minerals for intermediate Updation as on 01.04.2013 This is a continuous process. Once MTS project is operational, digitized format of mineral inventory will also be possible.	Completed.



VI. NOMINATIONS TO THE COMMITTEES, WORKING GROUPS

Representation of IBM on Bureau of Indian Standards (BIS)

1. Working Group CED6/Wg1- Stone Sectional Committee CED 6 of Bureau of Indian Standards (BIS).

Dr A.N.Murthy, Regional Mining Geologist, IBM, Ajmer had been nominated as representative of IBM on the Working Group CED6/Wg1 of BIS.

2. Cement and Concrete Sectional Committee, CED 2 of BIS

Shri M.Sengupta, Chief Mining Geologist, IBM, Nagpur had been nominated Nagpur as Principal Member and Shri A.M.Kamble, Regional Mining Geologist IBM Nagpur as alternate Member on Cement and Concrete Sectional Committee, CED 2 of BIS.

3. Central Advisory Board (CAB) under Section 8 of the Minimum Wages Act, 1948

Shri Pushpender Gaur, Deputy Controller of Mines, IBM, Udaipur had been nominated on the reconstituted Central Advisory Board (CAB) under Section 8 of the Minimum Wages Act, 1948.

4. Expert Committee to evolve Environmental Standards of the Ministry of Environment and Forest

Shri Ranjan Sahai, Controller of Mines, IBM had been nominated on the Expert Committee to evolve Environmental Standards of the Ministry of Environment and Forest.

5. Apex Committee on Environmental Health of the Ministry of Environment and Forest.

Shri M.K.Prasher, Controller of Mines, IBM had been nominated on the Apex Committee on Environmental Health of the Ministry of Environment and Forest.



VII. PUBLICATIONS RELEASED DURING 2012-13

Sl No.	Titles / Publications	Release Date
1	Mineral Concession Rules (As amended up to 10 Dec., 2009)	10.4.2012
2	Monthly Statistics of Mineral Production (MSMP), Oct., 2011	12.4.2012
3	Annual Report of IBM 2010-11	April, 2012
4	Monthly Statistics of Mineral Production (MSMP), Nov., 2011	18.5.2012
5	Monthly Statistics of Mineral Production (MSMP), Dec., 2011	18.6.2012
6	Statistical Profile of Minerals- 2010-11	18.6.2012
7	Indian Mineral Industry at a Glance 2009-10 .	12.7.2012
8	Monthly Statistics of Mineral Production (MSMP) Jan., 2012	23.7.2012
9	Monthly Statistics of Mineral Production (MSMP) Feb., 2012	5.9.2012
10	IBM News 2011-12	5.9.2012
11	Mines & Minerals (Development & Regulation) Act, MMDR-1957 (as amended up to 10.05.2012).	7.11.2012
12	Mineral Conservation & Development Rules, MCDR-1988 (as amended up to 02.08.2011).	7.11.2012
13	Mineral Concession Rules, MCR-1960 (as amended upto 26.07.2012).	8.11.2012
14	National Mineral Policy, 2008	8.11.2012
15	Indian Minerals Year Book, 2011	11.12.2012
16	Report of the Committee for Review and Restructuring of the functions and Role of the Indian Bureau of Mines	20.12.2012
17	Monthly Statistics of Mineral Production (MSMP) March 2012	28.12.2012
18	Monthly Statistics of Mineral Production(MSMP) April, 2012	5.2.2013
19	Monthly Statistics of Mineral Production(MSMP) May, 2012	13.2.2013
20	National Mineral Inventory as on 1.4.2010	1.3.2013
21	Bulletin of Mining Leases & Prospecting Licenses, 2011	15.3.2013
22	Half Yearly Bulletin on Mineral Information (BMI) October, 2011-March, 2012	19.3.2013
23	IBM News April- September, 2012	22.3.2013
24	Monthly Statistics of Mineral Production(MSMP) June, 2012	28.3.2013
25	Monthly Statistics of Mineral Production(MSMP) July, 2012	28.3.2013
26	Monthly Statistics of Mineral Production(MSMP) Aug, 2012	28.3.2013