

Coke pushing begins at RSP Coke Ovens Battery complex

RSP has crossed a major milestone in its ongoing modernisation and expansion activities with the commencement of coke pushing from its new state-of-the-art Coke Oven Battery No. 6 (COB #6). Coke Dry Cooling Plant (CDCP), Coal Handling Plant as well as Coal Chemicals unit also became operational concurrently. The total investment in this entire complex is around Rs 1400 crore.

The new Battery, which is second of its kind in SAIL, is top charged having compound twin flue, under jet, regenerative heating with partial recirculation of waste gases. The 7-metre tall battery of 67 ovens will produce 0.768 MT of



CEO RSP Mr GS Prasad pushing coke from the newly built COB #6 on April 12



SAIL Chairman Mr CS Verma with Dir (Proj & Business Planning) Mr TS Suresh and CEO RSP Mr GS Prasad at the COB #6 site during his visit to RSP in December 2012

gross coke per year. The Computerized Heating Control System (COHC) has been installed for the process management system to reduce environmental emission, improve coke quality and productivity.

SAIL Chairman Mr CS Verma, while congratulating CEO, RSP and the collective, on this occasion stated that with the start-up of this new battery at RSP as well as the new Coke Ovens Battery No. 11 at ISP in Feb 2013, SAIL has reaffirmed its commitment for environment friendly coke making through adoption of CDCP and other pollution abatement systems. In addition, this is a major milestone towards integrated commissioning of RSP modernization wherein the new state of the art 4060 m³ Blast Furnace, the largest in the country, is also expected to be commissioned within one month.

It is noteworthy that RSP is all set to double its capacity from the current level of 2 MTPA (million tonnes per annum) to 4.5 MTPA of Hot Metal on completion of on-going modernization and expansion with commensurate increase in crude steel and saleable steel capacity.

Two more key units namely the new Sinter plant and the Raw Material circuit of Ore Bedding and Blending Plant Phase-II have already been made operational and are in the process of stabilisation. Test and trial runs of new units like Blast Furnace-5, Power Blowing Station and New Caster are in progress and the units are likely to be put into operation soon. To meet the enhanced power requirement, the 220 KV bays at Tarkera Grid sub-station and the 220 KV double circuit transmission lines from the sub-station to MSDS-IV of RSP have been energized successfully.



Hot coke obtained from RSP COB #6 after first oven pushing was commenced successfully



The newly built COB #11 of ISP, with 74 ovens, each 7 meter tall, having an annual production capacity of 0.882 MTPA



CEO ISP Mr N Kothari at the first oven pushing of ISP COB #11 on February 15

CO Battery lighted up in DSP

DSP's rebuilt Coke Oven Battery No. 2 was lighted up on Feb 25 by CEO DSP Mr PK Singh. It has 78 ovens, with volume of each oven being 23.8 cubic meter (length 13.59 meter and height 4.45 meter). As a special feature, double gas collecting mains has been introduced in the battery, which will ensure improved recovery of valuable coke oven gas from the battery. Moreover, several advanced pollution control measures, which include leak proof doors & stationary high pressure water jet cleaner have been incorporated in this battery.



CEO DSP Mr PK Singh lighting up the rebuilt COB #2 at DSP

SAIL Chairman elected Chairman of SCOPE

The Standing Conference of Public Enterprises (SCOPE) election 2013-15 for Chairman, Vice Chairman and Members of the SCOPE Executive Board was held on March 28, and SAIL Chairman Mr CS Verma was elected as Chairman SCOPE. CMD ITI Limited Mr KL Dhingra emerged as the Vice Chairman in the election which was conducted with complete transparency, with the votes polled for candidates on display, in the presence of a large number of representatives from member PSEs. Votes cast stood at 78%. The new Executive Board of SCOPE assumed office on April 1.

SAIL production of value added steel up 4% in FY 12-13

FY 2012-13 closed on a good note for SAIL as the company registered 4% growth in the production of value added steel over the last fiscal. SAIL remained at the forefront of strengthening the industrial backbone of the country by producing over 5 million tonnes of these special steel products designed for specific end-use.

Bhilai Steel Plant developed special soft iron magnetic plates for the prestigious India-based Neutrino Observatory (INO) project of Bhabha Atomic Research Centre (BARC). For the first time ever, SAIL plants at Bokaro and Salem started production of IS 2062 E450 and E 350 HR Coils tailor-made for wagons of Indian Railways. For the petrochemicals industry, Bhilai and Rourkela developed a new grade of ASTM 537 plates which finds application in pressure vessels. Another product which caters to petrochemical industry is the NACE quality plate developed by SAIL Bhilai. These cracking-resistant plates are ideal for transportation of gases having higher content of hydrogen-sulphide. As for the automobile sector, SAIL Bokaro came out with ultra high strength HR and CR steel with Mn-B, especially for auto body components. SAIL continued to gear its efforts towards product innovation. Besides catering to large scale industry, 31 CrV3 grade billets were rolled out in Durgapur Steel Plant for the first time in India; a product highly appreciated among makers of spanners and hand tools.

FY 2012-13 was also a year of best-ever techno economic parameters at SAIL for Coke Rate, energy consumption and Blast Furnace productivity; the latter two registering improvement of 3% and 5% respectively.

Significant progress was also made in the modernisation & expansion projects in FY 2012-13, especially at Rourkela (RSP) and IISCO (ISP) Steel Plants. At RSP, the new Sinter Plant and new Coke Oven Battery #6 commenced production. At ISP, a new Coke Oven Battery #11 and Sinter Plant were operationalised, while the hot trials for the new Wire Rod Mill were also commenced. With more capacities lined up in different plants and units of SAIL, the company is looking forward to higher growth trajectory in FY 2013-14.

Shaping the future

SAIL MOU with KSIDC & KMML for Titanium Project

A Memorandum of Understanding (MOU) was signed on April 4 at Thiruvananthapuram, Kerala between SAIL, and Government of Kerala PSEs viz. Kerala State Industrial Development Corporation (KSIDC) and Kerala Minerals and Metals Ltd (KMML), for setting up a Titanium Project in Joint Venture in the state of Kerala. The MOU was signed in the presence of Chief Minister, Kerala, Shri Oommen Chandy, Minister for Industries & IT, Kerala, Shri PK Kunhalikutty, Special Secretary & Financial Advisor, Ministry of Steel, Government of India, Shri EK Bharat Bhushan and SAIL Chairman Shri CS Verma.

Through this MOU, possibilities of setting up of a Titanium Project in Joint Venture in Kerala will be explored by SAIL and KSIDC & KMML in a phased manner. To begin with in Phase-1, setting up of a Titanium Sponge and Metal Plant based on supply of Titanium Tetrachloride by KMML will be considered. In subsequent phases, backward and forward integration will be explored for ensuring long term viability of the project.

Speaking on the occasion, Shri Oommen Chandy remarked, "The project would lead to overall development of the region



SAIL Chairman shaking hands with Kerala Chief Minister Shri Oommen Chandy at the MoU signing ceremony



MOU signing ceremony at Kerala

and also contribute to faster economic growth of Kerala". He urged the state government and SAIL officials to take steps for early commencement of project activities. He reposed trust & confidence in SAIL's capacity and capabilities and lauded SAIL's exemplary work in the state of Kerala.

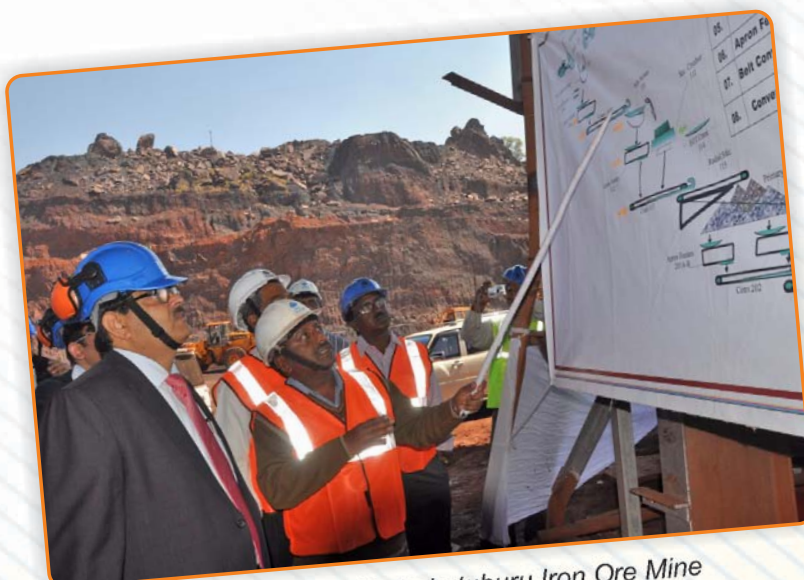
Shri CS Verma stated, Government of Kerala and SAIL have a longstanding association. SAIL is continuously on the lookout for new business opportunities in the areas of

its competency. The signing of MOU is a step in that direction. He said that the company would constitute a dedicated team of officers and all efforts will be made to ensure timely completion of various activities in relation to the project".

Chairman visits RMD Mines

SAIL Chairman Mr CS Verma took stock of the progress in modernization & expansion plan (MEP) of RMD Mines during his two day mines visit of Kiriburu, Meghahatuburu, Gua and Bolani Mines on February 23- 24. During his visit, he closely monitored the progress in these mines and interacted with the key executives involved in execution of the projects. He directed the project teams to do micro-planning for ensuring the timely completion of these projects.

Mr Verma was accompanied by the then Director (RM&L) Mr AK Pandey. The chairman was welcomed by ED I/C RMD Mr M N Rai, the then ED RMD & current Director (RM&L) Mr Kalyan Maity, other EDs, GMs and Heads of Mines of RMD. Mr Maity accompanied Chairman to all the four mines. While interacting with a cross section of RMD executives at Kiriburu and Bolani, Mr Verma advised them to be more sensitive to the need of the organisation and highlighted the need for



Chairman at Meghahatuburu Iron Ore Mine

improving the quality of iron ore. He also met the representatives of different employees' unions. He visited Kiriburu & Meghahatuburu mines on the first day and went on to visit Gua and Bolani on the second. The various CSR activities of RMD namely Eklavya Archery Academy, Kiran self-employment centre & Suwan Chhatrawas were also visited by him. Before his return, he went to pay homage to the statue of Birsa Munda who is revered in these tribal regions.



Chairman with cadets of Eklavya Archery Academy, Kiriburu

Hot Trial rolling of billets begins at ISP

The hot trial rolling of billets in the Wire Rod Mill (WRM) was initiated on March 31 by CEO, ISP Mr N Kothari in the presence of a large gathering of senior officials, engineers and consortium members. The lighting up of the Reheating Furnace of the Mill, used for heating the billets was also initiated by Mr Kothari on March 30 in the presence of other officials. The furnace has a heating capacity of 150 T/Hr.



ISP CEO, Mr N Kothari at WRM during hot trial rolling of billets and lighting up of reheating mill furnace

CEM Satellite Workshop inaugurated

A new satellite workshop of Central Engineering Maintenance (CEM) was inaugurated by ED (Works) DSP, Mr Madhusudan on Feb 12. This workshop is equipped with several machining facilities like Central Lathe, Horizontal Borer, Radial Drill, Shaper, Band Saw, Cutter Grinder and an EOT crane. The CEM Department converted the unutilized CCP Workshop, which came as a part of the Bloom Caster package in 2008 and was lying unutilized. By developing the surrounding area, and re-designated it as CEM Satellite Workshop.



ED (Works) DSP Mr Madhusudan inaugurating CEM Satellite Workshop

Based on the prototype of a Soft Starter developed by ERS, BSP, **the ETL collective of BSP** developed a Soft Starter named *Rakshak*, fit to be used for LT motors in the range of 60 to 125 KW. The equipment reduces mechanical and electrical stress during starting of motor by limiting the initial current, thereby prolonging the life of motor and minimizing chances of motor burnout. *Rakshak* was installed in OP- 2 for a 90 KW ventilation motor on Feb 6. It holds the triple benefit of saving procurement cost, avoiding frequent burnouts and reducing production delays.

To enhance the safety in **Pickling Line-I of Cold Rolling Mill**, **RSP** a '*Suraksha Setu*' (Safety Bridge) has been constructed by RSP collective using in-house resources. In the entry section of this Pickling line, all drives & hydraulic stations are in the drive side area of Roller Table and during maintenance work the mechanical or electrical personnel had to reach the drive side by passing through narrow passage under a Tank. At times of breakdowns or urgency, maintenance team had to cross over the roller table for which the line had to be stopped thus affecting production. The newly constructed Setu provides safer environs for both operations and maintenance personnel and its elevated platform provides better visibility of the equipment in the entry section.



The RSP team giving final shape to the safety bridge

The **Plate Mill Instrumentation & Energy Management Department of BSP** jointly developed and commissioned a new process monitoring and control system in Plate Mill Gas Mixing Station (GMS) on Mar 13. Equipped with a system of alarm annunciation and important parameters display, the modification would aid capacity maximisation and improved safety through automated monitoring. A furnished and revamped GMS-III (normalising) B&C throttle was also put in operation, and availability of lube oil to booster bearings ensured; modifications which will help meet the uninterrupted energy need of BSP's Plate Mill in future.



GM (I&A) Mr L Umakanth and GM (EMD) Mr Bipin Kumar inaugurating the new monitoring and control system in BSP's Plate Mill

The **INCOS, EMD, Instrumentation and Telecom departments of BSP** made a paradigm shift, quite literally, by bringing together a spread out system of controls into a single room on Feb 22. The 7 Gas Cleaning Plants (GCP) catering to 7 different Blast Furnaces, were earlier monitored through 4 control rooms. EMD personnel manning these control rooms keep a constant check on various crucial parameters such as CO gas monitor in atomizer, scrubber water level, raw gas pressure etc. To make better use of space, and integrate the multiple control points, a system of centralised monitoring

of all GCPs from a single location was developed. This was done by connecting the chart-less instrumentation equipment in the control rooms through Ethernet communication protocol. The Plant Wide Network through BSP telephone lines using ASDL technology was extended to provide real-time monitoring of over 100 parameters from the control room. Software facility to display the mimic screens in any of the intranet connected computers of BSP was also incorporated. The entire system was implemented using available hardware resources.



The centralised control system of GCPs at BSP being inaugurated



Rectified FG-1 Crane with new Hoist Panel being inaugurated

FG-1 Crane Main Hoist Panel was changed successfully by crane group of **CRM, Zone -1 in BSL**. The main panel had worn out because of prolonged use and needed immediate rectification as it played an important function in roll change. The team also added a display panel which has a siren fitted to it to detect any kind of malfunctioning in the crane. This job was completed in-house in record time of only one week. This effort has translated into increased productivity in CRM's Tandem Mill.

Product Corner

BSP develops 15 new product grades in 2012-13

Moving one step ahead from the old and established BSP motto of 'a new grade each month', BSP collective surpassed previous records to develop 15 new and differentiated product grades in the last fiscal. The products, which cater to different customer segments and are expected to enhance the plant's market share, include:

- 1) 45 mm SAILMA 450 HI Plates with impact energy 20J at -20°C
- 2) ABS GRADE B – Hull structural quality steel plates for ship building
- 3) Soft iron magnetic plates for nuclear applications
- 4) IS-1786 seismic resistant 8 MM TMT FE-415
- 5) ASTM 537 Class-2 Q&T plates through BSP-RSP route
- 6) Plates conforming to Ultrasonic testing as per EN 10160 S2E2
- 7) ABS Grade D - hull structural quality steel plates for ship building
- 8) High Abrasion/wear resistant 32 mm Plates for Sinter car side boards
- 9) Seismic resistant mild steel plates with restricted YS/UTS Ratio
- 10) Spheroidal graphite cast iron
- 11) 90 mm IS2062 E 410 C plates with impact toughness at (-) 20 °C
- 12) Plates with high strength and high toughness at subzero temperature for penstock applications
- 13) 5.5 mm plain Wire Rods
- 14) 7.0 mm plain Wire Rods
- 15) 25 mm is 1786 TMT Fe 550 Rebars

BSP brings about Synergy

In an environment of increased competition, pressure on steel prices, receding margins and urgency to realise results of M&E projects, BSP has started a series of mass interaction programmes specifically geared to sensitize employees about the need of the hour, and garner their suggestions for effecting improvement. Appropriately named as 'Synergy', the forum is attended by over 150 executives from different departments across various levels. In the second meeting of Synergy held on Feb 25, CEO BSP Mr S Chandrasekaran urged employees for effective communication, which he stated was the key to employee engagement. Several important suggestions concerning production of special steel, enhancing productive hours, reducing inventory and maximising utilisation of SAP-ERP also emerged in the meet.



CEO BSP Mr S Chandrasekaran presiding over the second meeting of Synergy

BSP@Excellence

Aiming to spread awareness on important organisational initiatives, BSP held the fourth-in-the-series interactive knowledge sharing seminar called BSP@Excellence on Mar 19. Targeted towards the frontline supervisory level of employees, the theme of the latest seminar was on the EFQM Excellence Model and Enterprise Risk management.

COMEX-2013 at ASP

The first COMEX (Communication Exercise) of 2013 was organized on March 26 at the Vidyasagar Hall of HRD Centre in ASP. A good number of employees including representatives from unions & ASEA participated in the interaction. Two employees made a presentation on SAIL highlights, production and financial performance of ASP followed by ASP's detailed Annual Business Plan 2013-14. An interaction session followed the presentation, where senior officers answered the queries raised. A pledge was also taken by all present for putting in utmost effort for the betterment of ASP.



Employee participation in the first COMEX of 2013

Outbound training for MTTs at ISP

As a part of the Induction Training for 126 MTTs undergoing training in ISP, an outbound training camp was organized at Nehru Park on March 13. The training, first of its kind in ISP, took place in the lush green ambience of the park. Three faculty and six supporting staff from the All India Management Association conducted various team building exercises for the participants to prepare them to take on future challenges.



MTTs batch 2013 participating in leadership and team building activities in outbound training at ISP

LGIE on Leadership for Achieving Results

A large group interactive event (LGIE) on 'Leadership for Achieving Results' was held at the Synergy Hall at CHRD of DSP. The chief guest was CEO DSP Mr PK Singh. The key note address by Swami Ishatmanandaji Maharaj of Ramkrishna Mission dwelt upon the nuances of leadership responsibilities and highlighted the importance of spirituality, values and ethics in the leadership interventions and activities.



Swami Ishatmanandaji Maharaj of Ramkrishna Mission speaking and CEO DSP Mr PK Singh on the dais

Safety, Health and Environment

Club Foot Eradication Drive

An MoU was signed on Mar 16 between Bokaro General Hospital (BGH) and Cure International India, a charitable organization with a mission to cure Club Foot, a congenital physical deformity in babies which severely twists the foot downwards and inward. The MoU entails the training of doctors in BGH, providing foot abduction shoes, maintaining medical records of patients and follow-up treatment to be provided by Cure International, India.



Director In-charge (Medical & Health Services) Dr AK Singh (centre left) and State Coordinator of Cure International India Mr Ashray Ekka (centre right) at MoU signing ceremony.

First corneal transplant at BGH

The Eye Bank at Bokaro General Hospital (BGH) performed the first corneal transplant on March 17 on two recipients. This followed the first eye donation to the Eye Bank on March 16 by Late Dhanwantrai C Gandhi, a resident of Gujarat Colony, Chas.



The Eye Bank and Cornea Transplant Centre team

BSP goes green

By adopting an established and proven sustainable development concept of co-processing, BSP has taken a stride in reducing its environmental footprint. On Feb 25, transportation of Acid Tar Sludge generated at the Benzol

Rectification Plant of CO & CCD for onward co-processing was flagged off in the presence of senior officers of EMD and CO & CCD. The initiative is expected to reduce pollution, landfill space and demand on natural resources.

A newly installed **dry fog dust suppression system** was commissioned at BSL's Coke Sorting Plant on March 26. In this system, the dust which is emitted during material handling is passed through a thin blanket of fog, owing to which the minute particles of dust and ultra-fine water-droplet size fog particles come into contact with each other and become heavy enough to be returned to the product stream by the force of gravity. The new system will help regulate the fugitive dust construction in Coke sorting plant.



GM Incharge (Coke Ovens), BSL Mr BP Verma (centre) with the team during the inaugural run of the system.



CEO ISP Mr N Kothari and ADM Asansol & CEO ADDA Ms Antara Acharya at MoU signing between ISP and ADDA

ISP & ADDA

A Memorandum of Understanding (MoU) was signed between IISCO Steel Plant (ISP) and Asansol Durgapur Development Authority (ADDA) for co-operation in the field of providing medical facilities to ADDA employees at the Burnpur Hospital of ISP.

Awards & Accolades

DSIJ Award for SAIL

The PSUs Awards 2012 ceremony by Dalal Street Investment Journal (DSIJ), was held on March 23 in the nation's capital. PSUs were awarded in recognition of the excellence in performance and their contribution to the Indian economy. SAIL was awarded under the category of 'Most efficient and largest employer-Maharatna'; and the award was received by SAIL Chairman Mr CS Verma from Minister of Civil Aviation Mr Ajit Singh. The awards, in existence for the last four years, were based on the research and findings undertaken by KPMG and the in-house team of DSIJ.



SAIL Chairman Mr CS Verma receiving the award from Mr Ajit Singh

OHSAS 18001 for RSP departments

RSP (Works) was audited for recertification of OHSAS 18001, from March 12-15. Recertification was recommended by auditors M/s TUV during the closing meeting held in ED (W)'s conference hall. Nine more departments including Air Separation Unit-3 of Tonnage Oxygen Plant, Energy Management Department, Repair & Construction (Mechanical), Crane Maintenance, Field Machineries (Maintenance), Civil Engineering Services, Water Management Department, Refractory Engineering Services and Pipe Coating Plant were recommended for OHSAS 18001 certification and brought into the scope of certification along with the previously certified departments of RSP (Works). OHSAS 18001 is an Occupational Health and Safety assessment series of the health and safety management systems in Plants and work places.

BSP to get Steel Minister's Trophy

For the second time in a row, as a runner up to the prestigious Prime Minister's Trophy for the best Integrated Steel Plant, BSP has been selected as winner of Steel Minister's Trophy for performance year 2010-11. Intimation to this effect was received by CEO BSP Mr S Chandrasekaran in a letter from Secretary Steel Mr DRS Chaudhary. The award carries a cash amount of Rs One crore.

Eastern Region Productivity Award

BSL's General Maintenance (Mech) deptt. bagged the prestigious Certificate of Appreciation for winning first prize in the individual & team category of Group C in the CII Eastern Region Productivity Awards for the year 2012-13 held at Kolkata. The award is for innovatively designing a tackle to transfer the Recuperator Assembly above Reheating Furnace # 3 & 4 of Hot Strip Mill to overcome space constraints. This innovative tackle was designed in record time of two months with in-house know-how and resources. BSL's team from SMS-II & CCS deptt also, had won the award for the year 2011-12 earlier.

Congratulations

'Natya Bandhu Samman' for CEO, RSP

Sampark, a leading socio-cultural group of Rourkela awarded the prestigious 'Natya Bandhu Samman' to CEO, RSP Mr GS Prasad on March 28. Many eminent stage/drama artists were present during the felicitation ceremony. His contribution towards promotion of drama and other forms of performing arts was greatly applauded.



CEO RSP Mr GS Prasad awarded the Natya Bandhu Samman

Dr Sudhanshu Shekhar Pati, Joint Director (Medical & Health Services) Ispat General Hospital (IGH), RSP was recently awarded the coveted Global Health Travel Award. It is instituted by the Bill & Melinda Gates Foundation to promote research in the field of Molecular & Cellular Biology to find cures for diseases which come under the purview of that scientific discipline. Dr Pati was selected for a scholarship to represent India at the 'Keystone Symposia on Molecular & Cellular Biology' concerning Malaria held at New Orleans, Louisiana, USA on January 20-25. The award is presented based on certain criteria which include research in the concerned field with published papers on the subject and the prevalence of the disease in area of study and pursuance of research in the field after attending the symposia. Dr Pati was selected in a group of 24 winners from 250 applicants worldwide. He has published more than 20 research papers in International journals and has been awarded by various institutions for his work.



Chairman's Trophy for Young Managers 2012-13

DSP's team of Mr Manoj Kumar, Mr VK Maurya & Mr BK Singh won the Chairman's Trophy for Young Managers 2012-13 while BSL's team of Mr YS Reddy, Mr R Balaiah & Ms S Hemrom were adjudged the runners-up. Both teams got cash award and a 3 day visit to a Plant outside India. Director (Pers) Mr HS Pati, Director IIM Ranchi Prof MJ Xavier and CEO BSL Mr A Maitra comprised the panel of judges for the final competition. All judges praised the hard work put in by the managers and urged them to use learning from various presentations made by other teams.



Finalists of Chairman's Trophy for Young Managers 2012-13 with judges

The Chairman's Trophy for Young Managers, a novel HRD initiative in SAIL is organized each year to involve the young managers of organization. It is designed in the form of a competition which aims to bring out the best in them by providing them a platform for self development through reading and research. It also allows them to present their views before the top management of SAIL at the same time. The theme of this year's competition was 'Creating a High Performance Culture in SAIL: Challenges & Opportunities'. 73 teams registered for the competition and 7 teams from BSP, DSP, ISP, BSL, RSP, SSP and RDCIS reached the final round. The final competition was organized at Ranchi MTI on February 24.

Pride is Ours

Indrani and Lavina, daughters of Mr Raju Sabhachandani, from PR Deptt., RSP, have presented a Coffee Table Book titled, 'The Journey of a Decade' to Mr Naveen Patnaik, the Chief Minister of Odisha on March 10 at his residence. The book contains the photographs of Mr Naveen Patnaik covering his tenure as Chief Minister during the last ten years. The sisters have compiled his photographs taken at various events. The Chief Minister appreciated the efforts of the talented duo and wished them all success in life. The sisters are students of Commerce at Ispat Autonomous College, Rourkela.



Indrani and Lavina presenting the book to CM Mr Naveen Patnaik

GyanJyoti: The stepping stone

The matriculation & intermediate certificate which is very basic qualification for most of us could hold an entirely different and special meaning for few others. Birhor, a near extinct and primitive tribe of Jharkhand is one such group which has settled for ages in various interior tribal areas of the state. The government has identified 75 different such tribes across India which have been confined to the interiors and have never been benefited by any kind of progress witnessed by the rest of Independent India. In 2012 for the first time ever, a group of young Birhor boys completed their formal education and received their inter-mediate certificates. In fact they were perhaps the first Bihors who ever got any kind of education.

‘GyanJyoti Yojna’, a CSR scheme of SAIL’s Bokaro Steel Plant was designed and started in 2001 to help this tribe. The Bihors’ inhabitation in dense remote forested areas was one of the reasons that they were left behind in the course of regular development. Then acute poverty, illiteracy and lack of any socio-political awareness aggravated the problem. Malnutrition, absence of basic amenities like sanitation, drinking water, poor health facilities and ineffective coverage of national health and nutritional services added to the distress and backwardness. They feel secluded, left out and are forced to live in pathetic conditions.



Adopted Birhor boys after a match of football

The objective was to bring the tribe to mainstream by adopting 15 Birhor kid boys. These kids were not only given education but were groomed in such a manner that they feel comfortable and confident with the modern world. Schooling, sports



First batch of Birhor boys adopted under Gyanjyoti in 2001

We SAIL together: True stories of care, concern & courage

coaching, drawing classes soon became their routine. The hostel where special arrangements were made for their housing became their second home. But it took a while & some effort for all this to fall into place. The tribe, whose name stands for 'forest-men' (bir-hor), has always stayed in dense forest in small hutments huddled together. Coming from such origin, these children initially did not feel comfortable in the safe & well furnished hostel rooms. Nor did they want to orient themselves to the toilets, dining room & the usual cooked meals, television was like a magic box and lights were seldom switched on in their rooms after sunset. Language was another impediment. But as they say young minds are like sponge or wet clay, you can easily shape them. A full time caretaker who could understand the tribal language was like their guardian and stayed with them. Each passing day was a learning exercise in every sense, right from getting up, bathing-washing, getting ready for school, studying, playing and gradually watching tv and then even choosing their personal favorite shows.



Drawing and colouring - a talent that comes naturally to Birhor children



Arrival of new Birhor students

Not a single one ever broke the line to school or football ground or chatted while at the dining table. The same year in 2010, six Birhor boys were the first from their community to pass the Matriculation exam and subsequently 4 of them passed in 2011. The year 2012 saw 4 more Birhor students scripting their success story by passing the 12th board. Bokaro adopted a second batch of 15 more Birhor kids recently.

The Gyanjyoti flame has found a way into their hearts & minds and SAIL in its pursuit of sustainable and inclusive development would help them take the light forward.

When the writer first met them way back in 2010, some of them were engrossed in filling colors in the lovely nature inspired drawings. Their warden told that some of them love to paint and few others were very good football players. The hostel room walls vouched for the warden's comment about the knack for painting.

One of them told shyly how he loves the football sessions and wants to be a football player after he finishes school. Warden added that though they love their village in its pristine glory but would want some development there. And that they would earn good livelihood after they get education and help raise the living standards of their people. The discipline of those boys was another remarkable point.



Chairman SAIL Mr CS Verma laying the Foundation of Community Hall at SAIL Satellite Township in Ranchi on March 23



Joint Secretary Steel, Mr UP Singh inaugurated the Mineral Engineering Lab at RDCIS on March 25



Joint Secretary MoS Mr UP Singh along with his wife Mrs Archana Singh visited RSP on March 26-28. Mr UP Singh visited coke ovens, blast furnaces and other RSP shops and accompanied Mrs Singh for CSR programmes. Here, Mrs Archana Singh at the Institute for Periphery Development, a CSR initiative of RSP and Mr UP Singh presenting tri-cycle & wheel chairs to the specially challenged



Dir (Pers) Mr HS Pati (centre left) and CEO, BSL Mr A Maitra (centre right) at the inaugural function of Central Induction Program for 2013 batch of 217 Management Trainees at BSL



Director (Personnel) SAIL, Mr HS Pati (centre) and CEO ISP, Mr N Kothari (right) lighting the lamp at the inauguration programme of the Induction Training of 126 MTTs 2013 Batch



CEO BSP Mr S Chandrasekaran at the first oven pushing of COB #8 (inset) on Feb 28, 14 months after it was taken down for cold repair



CEO BSP Mr S Chandrasekaran at the blowing-in of the newly repaired BF #5 (inset) on Mar 13 which underwent category II capital repair



A two-day SAIL level Steel Making Expert Committee Meeting for 2013-14 held at DSP on Feb 18-19



Conveying importance of following safety procedures to employees on National Safety Day celebrations at BSL



CEO BSP Mr S Chandrasekaran at the inaugural session of the 44th Operating Committee Meeting organised by RDCIS, Ranchi and hosted by BSP at Bhilai Niwas. Held on Mar 21-22, the Meet saw participation from 14 organisations across the country.



CEO RSP Mr GS Prasad inaugurated 'Gulab Bagh', a rose garden at the Foundries Department on March 9, where he along with many senior officers planted 41 rose saplings.



CEO BSP Mr S Chandrasekaran felicitating meritorious wards of BSP employees based on their performance in classes, TRT (Test for Recognising Talent) and professional entrance exams. The 31 students selected out of 416 applicants were given cash awards.



CEO RSP Mr GS Prasad with the prize winners of various competitions organised for 42nd National Safety Day observed on March 4



ED I/c RDCIS, Mr S Varadarajan inaugurated the Ultrasound Color Doppler System provided to St Barnabas hospital on March 7 by RDCIS under CSR activity



World Water Day was observed at RSP in a function held at the HRD Centre on March 22. Senior officers presented prizes to the winners of various events organized for the employees, students and housewives to mark the occasion



SAIL cricket team with ED I/c RDCIS Mr S Varadarajan after winning the DN Anand T-20 Cricket tournament



RDCIS bags the Golden Peacock Innovation Management Award 2012



World Water Day celebrated at SSP on March 22



CEO DSP Mr PK Singh delivering his address at the inaugural session of 45th Steel Making Operating Committee Meeting



Safety Day celebrations at SSP on March 4

भिलाई संयंत्र के निगमित सामाजिक उत्तरदायित्व विभाग ने आसपास के क्षेत्रों में फरवरी के अन्तिम सप्ताह से मार्च के प्रथम सप्ताह के बीच वार्षिक उत्सव के दौरान **स्वस्थ शिशु/मेंहदी/रंगोली प्रतियोगिता** का आयोजन किया। बाल मंदिर, खुर्सीपार तथा बाल मंदिर कैम्प-1 में क्षेत्र के बच्चों के स्वास्थ्य की जांच की गई। स्वस्थ शिशु प्रतियोगिता के अन्तर्गत शिशुओं (6 माह से 3 वर्ष आयु तक) को उम्र के आधार पर तीन समूहों में बांटकर, संयंत्र के चिकित्सकों द्वारा **प्राथमिक स्वास्थ्य परीक्षण** किए गए। इसी के साथ टीकाकरण एवं अन्य स्वास्थ्य संबंधी जानकारी भी अभिभावकों को दी गई। इसी क्रम में समूचे कैम्प क्षेत्र में वरिष्ठ एवं कनिष्ठ समूहों में महिलाओं के लिए रंगोली एवं मेंहदी प्रतियोगिता आयोजित की गई।



प्रतियोगिता के विजेताओं को पुरस्कृत करने के लिए 9 मार्च को खुर्सीपार, बाल मंदिर के प्रांगण में पुरस्कार वितरण समारोह का आयोजन किया गया। उल्लेखनीय है कि भिलाई संयंत्र के निगमित सामाजिक उत्तरदायित्व प्रकोष्ठ द्वारा श्रमिक बाहुल्य क्षेत्रों में संचालित बाल मंदिरों में अध्यापन कार्य के अलावा श्रमिक परिवारों के स्वास्थ्य एवं कला संस्कृति को प्रोत्साहन देने के उद्देश्य से प्रति वर्ष विभिन्न आयोजन किये जाते हैं।

निगमित सामाजिक उत्तरदायित्व के तहत आयोजित वार्षिक उत्सव का एक दृश्य

राउरकेला में चल रही परियोजना सुनयना ने एक और उपलब्धि हासिल की है। हाल में ही गोलघर क्षेत्र के निवासी और **रिक्शा चालक श्री विनोद** की आँखों की रोशनी लौटाकर इस परियोजना ने फिर से अपनी सार्थकता को और मजबूती के साथ प्रमाणित किया है। निगमित सामाजिक दायित्व की इस परियोजना के जरिये कुमारी पात्र, मो. अब्बास, मल्ली बरिक् और धुंडी लखुआ नामक और भी चार आर्थिक रूप से असक्षम लोगों की जिन्दगी में नई रोशनी पैदा की गई है।



परियोजना सुनयना के लाभार्थी

राउरकेला में निगमित सामाजिक गतिविधियों को लेकर कई स्तरों पर कार्य किया जा रहा है। इसी दिशा में आसपास की **ग्रामीण महिलाओं के लिए पेपर बैग बनाने और बेचने का प्रशिक्षण** दिया जा रहा है। **परियोजना किशोरी** के तहत चलाये जा रहे इस कार्यक्रम में एक गैर सरकारी संगठन ग्रामीण औद्योगिकीकरण समिति प्रशिक्षण प्रदान कर रही है और सजावटी एवं रंगीन कागजों से बैग बनाना सिखा रही है। इस कार्यक्रम का मुख्य उद्देश्य महिलाओं में आत्मनिर्भरता पैदा करने के साथ पर्यावरण के प्रति उन्हें जागरूक करना है।



प्रशिक्षण प्राप्त करती महिलाएं

इसी क्रम में राउरकेला और आस-पास के क्षेत्रों में लोगों की **रक्तहीनता के उपचार एवं थैलिसीमिया तथा सिकल सैल मरीजों** के इलाज के लिए एक पहल की गयी है जिसका नाम है **परियोजना चेतना**। इस परियोजना को भी एक गैरसरकारी संगठन संकल्प द्वारा प्रचालित किया जा रहा है। इस परियोजना का लक्ष्य राउरकेला के आसपास के क्षेत्रों में चिकित्सा शिविर लगाकर रक्तहीनता, थैलिसीमिया तथा सिकल सैल के बारे में जागरूकता पैदा किया जाना है। निगमित सामाजिक दायित्व की इस परियोजना का शुभारम्भ संयंत्र के सीईओ श्री जी. एस. प्रसाद ने 1 मार्च को इस्पात जनरल अस्पताल में किया।



परियोजना चेतना के शुभारम्भ के अवसर पर श्री प्रसाद

बोकारो संयंत्र के सेल फुटबॉल अकादमी (एसएफए) के कैंडेट श्री जयंत महतो को प्रतिष्ठित सुब्रत मुखर्जी स्पोर्ट्स एजुकेशन सोसाइटी द्वारा देश के उभरते हुए उत्कृष्ट फुटबॉल खिलाड़ियों में से एक घोषित किया गया। सोसाइटी की तरफ से श्री महतो को प्रोत्साहन स्वरूप बीस हजार रुपये की राशि दी गयी। संयंत्र के अधिशासी निदेशक (कार्मिक एवं प्रशासन) डॉ एन. महापात्रा ने श्री महतो को यह राशि प्रदान कर सम्मानित किया। श्री महतो को यह सम्मान पिछले वर्ष नई दिल्ली में आयोजित सुब्रत कप अन्तरराष्ट्रीय फुटबॉल प्रतियोगिता में उनके बेहतरीन प्रदर्शन के आधार पर प्रदान की गयी। एसएफए देश की बेहतरीन फुटबॉल अकादमियों में अपनी पहचान पहले ही बना चुकी है। यहाँ कुशल प्रशिक्षकों की देख-रेख में खिलाड़ियों को प्रशिक्षण के अलावा अन्य आवश्यक सुविधाएं भी मुहैया करायी जाती हैं।

भिलाई संयंत्र द्वारा संचालित **आदर्श इस्पात ग्राम पाउवारा** के पूर्व माध्यमिक पाठशाला के तीन बच्चों ने **पश्चिम क्षेत्र सब-जूनियर राष्ट्रीय खो-खो चैम्पियनशिप** में भाग लेने की उपलब्धि हासिल की है। यह प्रतियोगिता 15 से 17 फरवरी तक गुजरात के बड़ोदरा में आयोजित की गई थी। ये उपलब्धि हासिल करने वाले विद्यार्थी हैं कक्षा आठवीं की कुमारी गुँजा साहू, दिलेश्वर कुमार और कक्षा सातवीं की वेद कुमारी। इन्होंने इस प्रतियोगिता में छत्तीसगढ़ की टीम का प्रतिनिधित्व किया।

प्रतियोगिता में कुल सात टीमों ने भाग लिया था। इस प्रतियोगिता में भाग लेने के लिए इन खिलाड़ियों का चयन संयंत्र के निगमित सामाजिक उत्तरदायित्व विभाग द्वारा पिछले वर्ष ग्राम कचांदुर में आयोजित आदर्श इस्पात ग्राम खेल प्रतियोगिता में इनके प्रदर्शन को देखते हुए किया गया। यह प्रतियोगिता हर वर्ष किसी एक आदर्श इस्पात ग्राम में आयोजित की जाती है जिसमें उसके समीपस्थ सात आदर्श इस्पात ग्रामों के निवासी भाग लेते हैं। इन बच्चों का जिला स्तरीय प्रतियोगिताओं के अलावा राष्ट्रीय प्रतियोगिता में भाग लेने का यह पहला ही मौका था।



सेल इस्पात ग्राम के खो-खो विजेता प्रतियोगी

भिलाई इस्पात संयंत्र के क्रीड़ा, सांस्कृतिक एवं नागरिक सुविधाएं विभाग में कार्यरत **श्री संजय मिश्रा** एवं नगर सेवाएं के बिजली विभाग में कार्यरत **श्री शिव योगी** ने 21 से 24 फरवरी, तक मुंबई में आयोजित 37वीं **वेटरन नेशनल बैडमिंटन चैम्पियनशिप** में उत्कृष्ट प्रदर्शन किया है। श्री संजय ने 40 से अधिक आयु वर्ग समूह में एकल नेशनल चैम्पियन का तथा श्री संजय और श्री शिव ने 40 से अधिक आयु वर्ग समूह में मिक्सड डबल्स उपविजेता का खिताब जीतने की उपलब्धि प्राप्त की है। उल्लेखनीय है कि 9 से 15 सितम्बर, 2013 तक अंकार (तुर्की) में आगामी विश्व बैडमिंटन चैम्पियनशिप के लिए भारतीय टीम में श्री संजय मिश्रा के अलावा श्री शिव योगी (45 से अधिक आयु वर्ग में) का भी चयन किया गया है।



बैडमिंटन चैम्पियन के साथ सेल के वरिष्ठ अधिकारी

कोई भी काम एक दिन में नहीं सफल होता। काम एक पेड़ की तरह होता है। पहले उसकी आत्मा में एक बीज बोया जाता है, हिम्मत की खाद से उसे पोषित किया जाता है और मेहनत के पानी से उसे सींचा जाता है, तब जाकर सालों बाद वह फल देने के लायक होता है।

-स्टीवन स्पीलबर्ग

भिलाई संयंत्र के महाप्रबंधक (गुणवत्ता) सचिवालय में अनुभाग अधिकारी के पद पर कार्यरत **श्री राजेश जैन के पुत्र श्री रजत जैन** ने मुंबई में 31 मार्च से आयोजित तीसरे **नेशनल इंटरजोन क्रिकेट प्रतियोगिता** में नार्थ जोन की टीम का प्रतिनिधित्व किया। श्री रजत का चयन ऑल इण्डिया क्रिकेट एसोसिएशन फॉर द फिजिकली चैलेंज्ड द्वारा किया गया। उल्लेखनीय है कि पिछले वर्ष जून में "अमन की आशा कप" जो इस्लामाबाद, पाकिस्तान में आयोजित की गई थी, उसमें श्री रजत ने छत्तीसगढ़ का प्रतिनिधित्व किया था। रजत जैन वर्तमान में आईसीडब्ल्यू में अध्ययनरत है।



श्री रजत जैन

राउरकेला संयंत्र, इस्पात स्टेडियम राउरकेला में 3 मार्च को **इस्पात संयंत्र खेल बोर्ड** द्वारा आयोजित **अंतर इस्पात संयंत्र फुटबाल चैम्पियनपशिप** में अलॉय संयंत्र को फाइनल मुकाबले में हराकर चैम्पियन ट्राफी जीतने में कामयाब रहा। इस फाइनल मुकाबले में राउरकेला संयंत्र ने अलॉय संयंत्र को 2-0 से पराजित किया। राउरकेला टीम के ही श्री जन्मेजय खेस को फाइनल मैच का सर्वश्रेष्ठ खिलाड़ी एवं श्री एस. के. आलम को प्रतियोगिता का सर्वश्रेष्ठ खिलाड़ी चुना गया। इस प्रतियोगिता में दोनों टीमों के अलावा सेल की बोकारो, भिलाई, दुर्गापुर, इस्को संयंत्र की टीमों और राष्ट्रीय इस्पात निगम लिमिटेड, टाटा स्टील और जिंदल स्टील की टीमों ने भाग लिया। समापन समारोह के मुख्य अतिथि और संयंत्र के कार्यपालक निदेशक (वर्क्स) श्री एस. एन. राय ने विजेता टीम को ट्राफी प्रदान कर सम्मानित किया।



राउरकेला संयंत्र की इस्पात संयंत्र फुटबाल चैम्पियन टीम

राउरकेला संयंत्र ने आसपास के क्षेत्रों में खेल गतिविधियों को बढ़ावा देने के लिए मार्च में संवर्धन **ग्रामीण फुटबाल टूर्नामेंट** का आयोजन किया। निगमित सामाजिक दायित्व के तहत जबापानपोश, डुमेरजोर और चिकटमाटी नामक 3 आदर्श इस्पात ग्रामों में यह आयोजन किया गया। इस आयोजन के प्रत्येक टूर्नामेंट में 32 टीमों ने भाग लिया। समापन समारोह के अवसर पर संयंत्र के सीईओ श्री जी. एस. प्रसाद ने विजेता टीम को शील्ड प्रदान किया एवं प्रतिभागियों को प्रोत्साहित किया।

इसी क्रम में संयंत्र ने 26 एवं 27 मार्च को संवर्धन ग्रामीण **अंतर विद्यालय कबड्डी टूर्नामेंट** का आयोजन किया। यह आयोजन निगमित सामाजिक दायित्व के तहत बिजाडिह में किया गया। निदेशक (चिकित्सा एवं स्वास्थ्य सेवाएं) डॉ. बी. पी. राव ने एक समारोह के दौरान प्रतिभागियों को पुरस्कृत किया।



संवर्धन ग्रामीण फुटबाल टूर्नामेंट के विजेताओं को ट्राफी प्रदान करते श्री जी. एस. प्रसाद

सेल संयंत्रों में महिला दिवस समारोह



आईएसपी कार्मिक अंतरराष्ट्रीय महिला दिवस समारोह में भाग लेते हुए



सेलम संयंत्र में अंतरराष्ट्रीय महिला दिवस समारोह का एक दृश्य



राउरकेला संयंत्र में आयोजित अंतरराष्ट्रीय महिला दिवस समारोह का एक दृश्य



बोकारो संयंत्र में अंतरराष्ट्रीय महिला दिवस पर नृत्य प्रस्तुत करती लड़कियां



भिलाई संयंत्र की महिलाएं अंतरराष्ट्रीय महिला दिवस के अवसर शक्ति 2013 नामक विवरण पुस्तिका का विमोचन करती हुई



त्रिलोकचन्द्रपुर के डोमरा में श्री रामकृष्ण सेवाश्रम विद्यापीठ में चार विज्ञान प्रयोगशालाओं का उद्घाटन करते हुए मिश्र इस्पात संयंत्र, दुर्गापुर के कार्यपालक निदेशक श्री सोमदेव



श्री श्रीधर वरदराजन, कार्यपालक निदेशक प्रभारी, आरडीसीआईएस संत बरनवास हॉस्पिटल, रांची में सेल द्वारा प्रदत्त कलर डॉप्लर मशीन का उद्घाटन करते हुए



इस्को इस्पात संयंत्र में अंतर ग्रामीण फुटबाल प्रतियोगिता का एक दृश्य



इस्को इस्पात संयंत्र में अंतर ग्रामीण कबड्डी प्रतियोगिता का एक दृश्य



डी.एन. आनंद टी-20 क्रिकेट प्रतियोगिता के विजयी सेल टीम के साथ श्री श्रीधर वरदराजन, कार्यपालक निदेशक प्रभारी, आर.डी.सी.आई.एस.



सेलम संयंत्र के कार्यपालक निदेशक श्री ए. बंदोपाध्याय सीआईएसफ के परेड का निरीक्षण करते हुए



सेलम संयंत्र के नजदीक अम्बेडकर नगर में निगमित सामाजिक दायित्व के प्रयासों के तहत आयोजित चिकित्सा शिविर में अपना इलाज कराते ग्रामीण



मिश्र इस्पात संयंत्र, दुर्गापुर के पास स्थित कुलडिहा गाँव में निःशुल्क नेत्र जांच शिविर के दौरान एक वृद्धा के नेत्र की जांच करते हुए चिकित्सक



बोकारो संयंत्र में भारतीय प्रबन्धन संस्थान, रांची के सहयोग से युवाओं के लिए आयोजित 5 दिवसीय उद्यमिता विकास कार्यशाला में प्रशिक्षण पाये युवक और युवतियां



बोकारो संयंत्र की ओर से आसपास की महिलाओं को हाथकरघा और यार्न उत्पादन में प्रशिक्षित करने के लिए झारक्राफ्ट के साथ किये गये समझौता ज्ञापन के अवसर का दृश्य



आईएसपी के सीईओ श्री एन. कोठारी 42वें राष्ट्रीय सुरक्षा सप्ताह समारोह के दौरान कर्मिकों को पुरस्कृत करते हुए



भिलाई संयंत्र में उपमहाप्रबन्धक, खदान, श्री अपूर्व मुखर्जी की पुत्री सुश्री अदिति मुखर्जी को डिजाइन में पीजी डिप्लोमा की उपाधि प्रदान करते हुए प्रसिद्ध उद्योगपति श्री आनंद महिन्द्रा



राउरकेला संयंत्र में आयोजित डोल उत्सव में इस्पात मंत्रालय, भारत सरकार के संयुक्त सचिव श्री यू.पी. सिंह, साथ में हैं उनकी धर्मपत्नी श्रीमती अर्चना सिंह और संयंत्र के सीईओ श्री जी एस प्रसाद तथा दीपिका महिला संघति की अध्यक्ष श्रीमती मंजरी प्रसाद

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Through Employees' lens



The woods are lovely, dark, and deep, but I have promises to keep, and miles to go before I sleep... -Robert Frost

Alone in the forest path – A stunning picture taken by Mr Kallol Majumdar, AM (PR), DSP. Winner of 3 international awards in Slovenia, Croatia and Canada, this photo has been showcased in 33 different photo exhibitions across the globe.