

SAIL सेलन्यूज़ NEWS

July 2023

जुलाई 2023

हमारा सपना

NUMBER
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International Day of Yoga 2023 observed across SAIL

International Day of Yoga 2023



International Day of Yoga 2023 observed across SAIL



International Day of Yoga 2023

International Day of Yoga 2023 observed across SAIL



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Try your hand at SAIL Crossword #3 on the
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The first three correct entries will win exciting prizes

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Shri Amarendu Prakash takes charge as Chairman SAIL

Shri Amarendu Prakash assumed the charge of Chairman, Steel Authority of India Limited (SAIL) w.e.f. 31 May, 2023. Prior to taking charge as the Chairman, Shri Prakash held the post of Director in-charge, Bokaro Steel Plant (BSL). A metallurgical engineer from BIT Sindhri, Shri Prakash joined SAIL in 1991 as Management Trainee (Technical). After working in various positions of responsibilities in plants and units, Shri Amarendu Prakash was selected as a Director in the SAIL Board in charge of Bokaro Steel Plant in 2020. He is an accomplished technocrat. In his career of more than three decades in SAIL, Shri Prakash has had exposure to plant operations at shop level, exposure to corporate functions in the head office and leading a large steel plant with mining operations. He was a key member of the team that was leading the business transformation and financial turnaround of SAIL in 2015-17. After taking over as Director-in-charge of Bokaro Steel Plant, he has led the plant team to reach their best performance in all major parameters year on year. With his





remarkable organizational skills and strategic planning acumen, Shri Amarendu Prakash has been instrumental in bringing about significant changes in business processes and project implementation. As a technically proficient leader, he has been spearheading the digitization efforts of the company. As a key member of the 'Revenue Maximising Team', he has been instrumental in strategizing the overall production and sales plan for not only enhancing value for the organisation but also for the customers. A visionary and energetic leader, he connects with the employees across levels and motivates them to excel through various initiatives. During his tenure at Bokaro as Director, he has taken several initiatives to encourage sports including supporting the 'Special Olympics'. Many social initiatives involving public participation have brought about positive changes in the city of Bokaro and peripheral areas. He is a widely travelled technocrat and has gathered vast knowledge on the steel and mining industry.

To watch the Chairman's message, scan the QR code provided. This will lead you to a video on SAIL YouTube channel where Shri Amarendu Prakash, Chairman SAIL shares his vision and insights about our organization's journey and future prospects.



Hon'ble Steel Minister virtually inaugurates beneficiation plant at Dalli Mines



Hon'ble Union Minister for Steel and Civil Aviation, Shri Jyotiraditya M. Scindia inaugurated the new beneficiation plant virtually at Dalli mines of SAIL's Bhilai Steel Plant on 23 June, 2023. This beneficiation plant has been set up for silica reduction from the iron ore of size less than 1mm containing high silica gangue. It is equipped with the state-of-the-art beneficiation equipment and aims to enhance the quality of iron ore supplied to Bhilai Steel Plant, thereby increasing the annual production of hot metal from the blast furnaces, reducing coke consumption and carbon emission.

Shri Scindia applauded the efforts of SAIL in the first of its kind technological initiative.

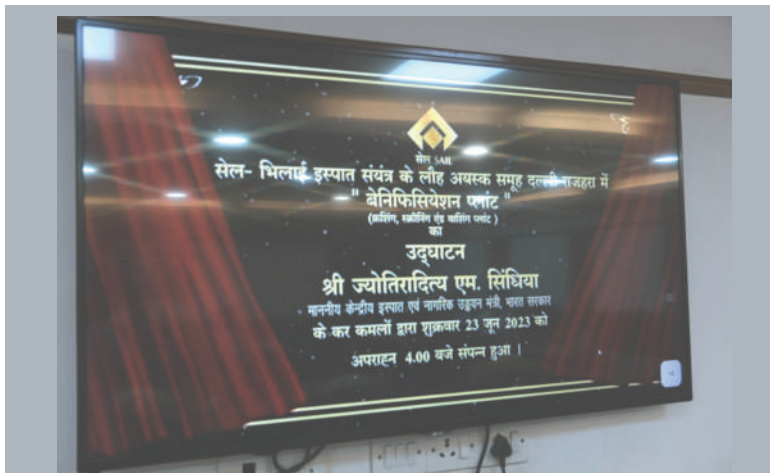
Under the leadership of the Hon'ble Minister, the Steel Ministry is focused on promoting de-carbonization in the domestic steel industry and in formulating a long-term

roadmap for green steel production in collaboration with the steel industry. SAIL has aligned itself with the national goal for carbon neutrality and the beneficiation plant at Dalli-Rajhara mines is a significant step in this direction.

Further, this plant is part of SAIL's endeavor to use low grade iron ore by beneficiating. This beneficiation plant, set-up with an investment of around Rs. 149 crores, is aligned with the existing crushing, screening and washing (CSW) wet plant at Dalli. The project has been completed with the help of various

state govt. agencies, local administration and elected representatives.

Chairman, SAIL, Shri Amarendu Prakash commented that this beneficiation plant for silica reduction is a critical move in SAIL's pursuit of sustainable steel production, actively aligning with the Ministry of Steel's initiatives to decarbonize the Indian steel industry.



भारत सरकार के इस्पात सचिव ने बीएसपी के लौह अयस्क परिसर का दौरा किया, खनन कार्यों को देखा, परियोजना स्थलों का भ्रमण किया



5 मई, 2023 को भिलाई इस्पात संयंत्र के दौरे पर पहुंचे भारत सरकार के इस्पात सचिव श्री नागेंद्र नाथ सिन्हा, आईएएस ने दिनांक 6 मई 2023 को संयंत्र के दल्ली-राजहरा लौह अयस्क परिसर (आईओसी) का दौरा किया। दल्ली राजहरा भ्रमण के दौरान श्री सिन्हा के साथ भिलाई इस्पात संयंत्र के निदेशक प्रभारी श्री अनिबान दासगुप्ता भी रहे। राजहरा गेस्ट हाउस में आगमन पर इस्पात सचिव का स्वागत मुख्य महाप्रबंधक प्रभारी (खान एवं रावघाट), श्री समीर स्वरूप, महाप्रबंधक (खान-राजहरा) श्री सी श्रीकांत, महाप्रबंधक (खान-दल्ली), श्री पी एम शिरपुरकर, महाप्रबंधक (कार्मिक) श्री एस के सोनी, महाप्रबंधक

(खान) श्री एम आर ठाकुर, वरिष्ठ प्रबंधक (कार्मिक) श्री एम डी रेड्डी तथा आईओसी के अन्य वरिष्ठ अधिकारियों ने किया। इस्पात सचिव श्री सिन्हा राजहरा मैकेनाइज्ड माइंस खदान भी गए। माइंस दौरे पर उनके साथ निदेशक प्रभारी श्री दासगुप्ता, मुख्य महाप्रबंधक (खान एवं रावघाट), श्री स्वरूप सहित अन्य वरिष्ठ अधिकारी भी रहे। श्री सिन्हा ने खनन कार्यों में गहरी रुचि दिखाई। उन्होंने दल्ली मैकेनाइज्ड माइंस में क्रशिंग एंड स्क्रीनिंग प्लांट परियोजना, वाशिंग सर्किट में मॉडिफिकेशन एरिया और दल्ली मैकेनाइज्ड माइंस में पेलेट प्लांट क्षेत्र सहित अन्य परियोजना स्थलों का दौरा किया।



SAIL embraces S/4 HANA



A workshop for Directors & Executive Director's was organized on the benefits, challenges and the approach strategy on S/4HANA on 17 May, 2023 at SAIL Corporate Office in New Delhi. As part of the IT roadmap across SAIL, C&IT Deptt. has initiated the implementation of centralised instance of S/4HANA, which is a major step towards enhancing SAIL's digitalization posture. SAP S/4HANA is the latest version of enterprise resource planning (ERP) software package with high computing power and SAIL is amongst the first few Maharatna's to have embarked on this journey.

SAIL has been a front runner in various digital initiatives leading to improvement in business performance, enhanced efficiency, cost optimization and customer satisfaction. To enhance the digital footprint of SAIL, an exercise was conducted by Corporate C&IT across all SAIL plants/units to identify the certain problem areas and scope for improvement. Inputs were also taken from other leading PSU's and peer organizations in the metals & mining space to understand the path they are pursuing to be digitally enabled with latest technologies.

Joint Secretary visits CMO headquarters

Shri Abhijit Narendra, Joint Secretary, Ministry of Steel, visited SAIL Central Marketing Organization's Kolkata office on 2 June, 2023.



SAMIKSHA released by SSO

'SAMIKSHA'- An eBook comprising of learning from the past incidents was compiled by SAIL Safety Organisation (SSO), Ranchi which contains department / area-wise incidents with a view to ensure effective implementation of recommendations. The ebook was released by Shri Arvind Kumar Singh, Director (Technology, Projects & Raw Materials) on 22 March, 2023 at MTI, Ranchi in the presence of senior officials.



SAMIKSHA has been conceived with a view to prevent recurrence and contains details such as incident description, immediate & root cause along with key recommendations. It serves as a ready reference to the 'Heads of Departments' & 'Heads of Safety' of the plants

& units and serves as a tool to understand what has gone wrong in the past in the plant or elsewhere and whether adequate & effective safeguards exist in their department to prevent any recurrences.

Workshop on team leading at SSP



A three day workshop on "Leading a team – getting results in the face of rapid change" was conducted at HRDC, Salem Steel plant from June 21 – 23, 2023. The programme was organized with help from faculty members; Dr. Shoeb Ahmed, CMD, Impetus Exim Pvt Ltd. and Professor SD Thyagaraj, Dean, Xavier Institute of Management & Entrepreneurship in Bengaluru.

The workshop focused on how organizations need to prepare its work force for taking up any challenge and decisions that need to be taken at each level.



New junior officers inducted into DSP & ASP

An induction and familiarization program for newly promoted Junior Officers (JOs) at Durgapur Steel Plant (DSP) & Alloy Steels Plant (ASP) was organized at DSP on June 12, 2023. Shri BP Singh, Director In-charge (Burnpur & Durgapur Steel Plant) and other senior officials graced the event.

Inauguration of Salem Stainless Shoppe



“Salem Stainless Shoppe” was inaugurated on 17 May, 2023 at SCOPE Minar, Laxmi Nagar in New Delhi. The shoppe was inaugurated by Shri VS Chakravarthy, Director (Commercial), Shri AK Tulsiani, Director (Finance), Shri AK Singh, Director (Technical, Projects and Raw Materials) and Shri Vineet Pandey, Chief Vigilance Officer. The shoppe displays Salem stainless kitchenware and other household utility items which can be purchased at attractive prices at SCOPE Minar itself.

Launch of SAIL SARATHI



SAIL SARATHI, the new AI-powered chabot from Steel Authority of India Limited is now live on www.sail.co.in. SAIL SARATHI is a customer-centric bot designed to answer your queries about SAIL's products, services, and more. Simply type in your question to get an instant response!

World Environment Day celebrated at ISP



World Environment Day is celebrated every year on 5 June all over the world. This year the theme of World Environment Day was “Beat Plastic Pollution”. The main program was organized at Bharti Bhawan, ISP Burnpur. Almost 100 students of ISP schools were a part of a drawing competition held at Bharti Bhawan, which witnessed participation from many students and teachers from various schools at ISP. Employees and local residents also participated in a walk for environment event which covered a distance of about 3 km in the residential area of Burnpur. A tableau was flagged off in order to spread environmental awareness among various stakeholders. Around 35 display boards propagating environment conservation messages in Bengali, Hindi and English were also displayed at various places in various locations of the plant. Saplings were also distributed to various departments of the plant.

सेल अध्यक्ष ने बोकारो जेनरल अस्पताल में नई अत्याधुनिक सुविधाओं और उपकरणों का उद्घाटन किया

सेल अध्यक्ष श्री अमरेंद्र प्रकाश ने 1 जून, 2023 को बोकारो जेनरल अस्पताल (बीजीएच) में नई अत्याधुनिक सुविधाओं और उपकरणों का उद्घाटन किया, जिससे मरीजों के बेहतर इलाज में मदद मिलेगी। इस दौरान अस्पताल के ऑपरेशन थियेटर में अत्याधुनिक न्यूरोसर्जिकल ऑपरेटिंग माइक्रोस्कोप किनेवो 900 और एज-2 अल्ट्रासाउंड मशीन जैसे उन्नत अत्याधुनिक उपकरणों को मरीजों के लिए समर्पित किया गया। इसके साथ ही एनेस्थीसिया विभाग के लिए लगाई गई एज-11 अल्ट्रासाउंड मशीन विभिन्न प्रकार के

क्रोनिक पेन के उपचार के लिए भी काफी उपयोगी होगी। सेल अध्यक्ष ने अस्पताल के आर्थोपेडिक्स वार्ड (वार्ड 2-बी) का भी दौरा किया और नई हॉस्पिटल मैनेजमेंट इन्फॉर्मेशन सिस्टम के इन-पेशेंट मॉड्यूल का डेमो का भी जायजा लिया। बीजीएच की पूरी टीम की सराहना करते हुए हुए, सेल अध्यक्ष ने न केवल सेल परिवार बल्कि क्षेत्र के लाखों निवासियों की बेहतर स्वास्थ्य सेवा प्रदान करने की सेल की प्रतिबद्धता को दोहराया।



World Environment Day at SSP



World Environment Day was celebrated on 5 June, 2023 at Salem Steel Plant focusing on this year's theme of raising awareness about the detrimental impact of plastic pollution on the environment and reducing plastic waste. A bilingual pledge to conserve nature was taken followed by a tree planting exercise in association with ISHA Foundation.

बोकारो में ऊर्जा कुशल प्रौद्योगिकियों द्वारा ग्रीन हाइड्रोजन और डी-कार्बोनाइजेशन पर कार्यशाला

बोकारो इस्पात संयंत्र के पर्यावरण संरक्षण एवं सस्टेनेबिलिटी विभाग ने झारखंड राज्य प्रदूषण नियंत्रण बोर्ड के सहयोग से मिशन लाइफ: लाइफ स्टाइल फॉर एनवायरनमेंट मंत्र के तहत एक अभियान शुरू किया है। इसके तहत बोकारो स्टील प्लांट के मानव संसाधन विकास केंद्र में “ऊर्जा कुशल प्रौद्योगिकियों द्वारा ग्रीन हाइड्रोजन और डी-कार्बोनाइजेशन” पर एक कार्यशाला हाल ही में आयोजित की गई। इस कार्यशाला में विभिन्न कंपनियों के विशेषज्ञों ने विभिन्न तकनीकी उपायों पर अपने विचार और अध्ययन साझा किए।



नेटवर्किंग कोर्स पर कार्यशाला

बोकारो स्टील प्लांट के मानव संसाधन विकास विभाग के कमरा सं-38 में संयंत्र के विभिन्न विभागों के लिए “V5.6 कोर्स के साथ प्रोफिबस/प्रोफिनेट पर नेटवर्किंग कोर्स” पर एक प्रशिक्षण कार्यक्रम का आयोजन दिनांक 13 जून, 2023 को सीमेंस लिमिटेड के फैकल्टी के सहयोग द्वारा किया गया।

Digital transformation programme at SSP

To usher an era of new age digital technologies under Industry 4.0, an programme on “Accelerating Digital Transformation” was conducted at Salem Steel Plant (SSP) on 13 June, 2023. This programme was conducted in association with faculties from Management Training Institute (MTI), Ranchi. During the course of

the programme, deliberations were held on the digital transformation initiatives at SSP. These initiatives will enable SSP to move towards more and more data driven decisions for improving efficiency and mill availability leading to better productivity.



बोकारो के कार्मिक विभाग के ठेका मज़दूर प्रकोष्ठ द्वारा संवाद कार्यक्रम का आयोजन



बोकारो स्टील प्लांट के कार्मिक विभाग के ठेका मज़दूर प्रकोष्ठ द्वारा 17 जून, 2023 को विभिन्न कायदेशिों के प्रभारी अभियंताओं और कार्मिक विभाग के अधिकारियों के लिए एक संवाद कार्यक्रम का आयोजन किया गया। इस कार्यक्रम का उद्देश्य प्रतिभागियों को ठेका श्रमिकों को मिलने वाली न्यूनतम मज़दूरी दर, भविष्य निधि

से सम्बंधित लाभ, कर्मचारी राज्य बीमा के अंतर्गत प्राप्त होने वाली सुविधाओं इत्यादि की जानकारी प्रदान करना था जिससे वे अपने अंतर्गत कार्यरत श्रमिकों को यथोचित लाभ सुनिश्चित करवा सकें। इस कार्यक्रम में लगभग 250 प्रतिभागी शामिल हुए।

Agreement with IFB



IFB, a leading global brand in washing machines and home appliances, signed an MoU with SAIL's Salem Steel Plant, recently for sourcing stainless steel requirements.

Ambedkar Jayanti celebrated at SSP



The 132nd Jayanti of Dr. BR Ambedkar was celebrated by paying floral tributes to the leader at Salem Steel Plant. On this occasion, children recited bhajans and famous quotes of Dr. Ambedkar were also recited.



बोकारो में गैस रिसाव को लेकर मॉकड्रिल का आयोजन

बीएसएल में गैस रिसाव को लेकर वृहद पैमाने पर 22 जून, 2023 को मॉकड्रिल आयोजित की गई जिसमें बीएसएल के कई विभागों जैसे गैस सेफ्टी (इएमडी), सेफ्टी, ब्लास्टफर्नेस, प्लांट कंट्रोल, चिकित्सा सेवाएं, बीएसएल सिन्कोरिटी इत्यादि के अलावा सीआईएसएफ, जिला-प्रशासन और एनडीआरएफ ने महत्वपूर्ण भूमिका निभाई। गैस स्राव के किसी आपदा में तैयारियों का जायजा लेने के लिए किये गए इस मॉकड्रिल में ऐसी आपदा से निपटने के लिए परिचालनीय तैयारी, त्वरित प्रक्रिया का समय, सम्बंधित एजेंसियों को दुर्घटना सम्बन्धी सूचना की सम्प्रेषणीयता, चिकित्सीय व्यवस्था की मुस्तैदी और एकाधिक एजेंसियों के शामिल रहने की स्थिति में उनके बीच के समन्वय और कमान-श्रृंखला जैसे कई पहलुओं की परख हुई ताकि बचाव अभियान संचार रूप से सफल हो सके।



CEM-WRS Safety Exhibition 2023 organized DSP

The CEM-WRS Safety Exhibition 2023 was organized on May 4, 2023. The event was geared towards enhancing safety awareness, showcasing safety practices, and encouraging a culture of safety among all participants and attendees.



MoU between IOCL and SSP

A memorandum of understanding (MoU) between Indian Oil Corporation Limited (IOCL) and Salem Steel Plant (SSP) was signed on 23 June, 2023 for supply of piped natural gas (PNG) to SSP. This is the first MoU signed by IOCL in the state of Tamil Nadu for supply of commercial PNG.

सेल के प्रबंध प्रशिक्षु - 2023 का सेन्ट्रल इंडक्शन कार्यक्रम बोकारो में आयोजित

बोकारो संयंत्र के मानव संसाधन विकास विभाग के मुख्य प्रेक्षागृह में सेल के विभिन्न सन्यत्रों के लिए नवनियुक्त "प्रबंध प्रशिक्षु -2023 बैच" के कुल 68 प्रशिक्षुओं के लिए 28 जून, 2023 को सेंट्रल इंडक्शन कार्यक्रम आयोजित किया गया, जिसका उदघाटन श्री अमरेन्दु प्रकाश, अध्यक्ष, सेल, ने किया।

उद्घाटन समारोह में श्री अनिबान दासगुप्ता, निदेशक प्रभारी, भिलाई स्टील प्लांट, श्री वी एस चक्रवर्ती, निदेशक - वाणिज्य, श्री अतनु भौमिक, निदेशक - प्रभारी (राउरकेला स्टील प्लांट एवं अतिरिक्त

प्रभार बोकारो इस्पात संयंत्र), श्री बी पी सिंह, निदेशक प्रभारी बर्नपुर एवं दुर्गापुर इस्पात संयंत्र, श्री ए के तुल्लियानी, निदेश (वित्त), श्री विनीत पांडे, मुख्य सतर्कता अधिकारी सेल, श्री के के सिंह, निदेशक (कार्मिक) आन लाइन शामिल हुए।

अपने सम्बोधन में अध्यक्ष, सेल ने सभी नवनियुक्त प्रबंध प्रशिक्षुओं को सेल में योगदान करने के लिए बधाई दी तथा सभी से हर क्षेत्र में नंबर वन बनने को कहा।



DSP inks MoU with IISSC



Durgapur Steel Plant (DSP) and Indian Iron & Steel Sector Skill Council (IISSC) entered into a two year Memorandum of Understanding (MoU) on 30 June, 2023. The MoU aims to implement the 'Recognition of Prior Learning' (RPL) scheme at DSP, promoting skill

development and certification of the workforce in DSP's peripheral areas. This agreement signifies a crucial step towards universal skilling and certification, facilitating the utilization of a certified & skilled workforce at DSP.

National Fire Services Day observed at RSP

SAIL Rourkela Steel Plant (RSP) joined the rest of the nation in observing the “National Fire Services Day” on 14 April, 2023. During the ceremony a wreath was laid on the martyr’s memorial to commemorate the sacrifice

of 66 gallant fire fighters who laid down their life to save lives and properties during a devastating fire incident that took place at the erstwhile Bombay port in the year 1944.



DSP implements IoT-based sensors for predictive maintenance



Durgapur Steel Plant (DSP) made a significant stride in its digital transformation journey with the inauguration and “Go-Live” of the “Supply and Installation of IoT-based Sensors” project. Led by Shri BP Singh, Director In-charge (Burnpur & Durgapur Steel Plant), the project aims to improve the predictive maintenance of rotating machines.

Implemented by M/s DC Micropronix Pvt. Ltd. using sensors from M/s Enerctics, the project was completed ahead of schedule at a cost of Rs 12.95 crores. A total of 350 IoT-based sensors have been installed on 175 rotating

equipment to monitor tri-axial vibration, skin and bearing temperature, ultrasound, and magneto-motive force. The system leverages artificial intelligence and machine learning for predictive and early stage fault detection.

With a dedicated IoT dashboard, the department can monitor data, and any deviation from the norm triggers an SMS and email alert notification to the relevant personnel. This data-driven approach enhances equipment reliability. DSP is now considering the application of this technology to other areas of maintenance, reflecting its commitment to leveraging IoT and Industry 4.0 initiatives.

DSP and ISP collaborate with CSIR-CMERI

Durgapur Steel Plant (DSP) and IISCO Steel Plant (ISP) collaborate with Central Mechanical Engineering Research Institute (CMERI), Durgapur. The memorandum of understanding (MoU) was signed on June 5, 2023. Shri BP Singh, Director In-charge (Burnpur & Durgapur Steel Plant), Dr. NC Murmu, Director, CSIR-CMERI Durgapur, and other senior officials were present.

The partnership aims to bridge the industrial research and development gap, support industries with indigenously developed technologies and promote self-reliance. The collaboration will focus on refurbishing industrial spare parts, additive manufacturing, 3D printing, boiler and CDCP RLA studies, robotics for industrial applications, micro pelletization of tar sludge, solid waste management and renewable energy and energy management, among other areas.



Centre of Excellence Laboratory inaugurated at RSP

A Centre of Excellence & 3D printing and modelling laboratory was inaugurated at 'Design Department' by Shri Atanu Bhowmick, Director In-Charge, Rourkela Steel Plant on 19 April, 2023. This laboratory is equipped

with a latest technology 3D scanner for development of 3D model from spares which will help in generating 3D model of complex spares in quick time followed by 3D printing.



DSP and SBI Launch a high-tech payment gateway

Durgapur Steel Plant (DSP) and State Bank of India (SBI) signed a Memorandum of Understanding (MoU) on May 31, 2023 to launch a new high-tech payment gateway at DSP with SBI's support. A payment gateway is a technology enabling merchants to accept diverse payment modes from customers, contributing significantly to the digital economy.

The newly launched payment gateway will benefit both DSP and its valued customers. It allows domestic and international customers to pay invoices via DSP's website using a variety of payment methods, including credit cards, debit cards, net banking and UPI. The gateway will offer a seamless and secure checkout experience with high success rates and instant receipts, enabling customers to enjoy the convenience and affordability of this new payment option.



Project 'Samahan' launched at Rourkela Steel Plant



'Samahan', a project on implementation of SAP in Odisha Group of Mines was jointly inaugurated by Shri Atanu Bhowmick, Director in-charge (Rourkela Steel Plant) and Shri AK Tulsiani, Director (Finance) on 3 April, 2023 in hybrid mode. Two modules of namely Production Planning (PP) and Sales & Distribution (SD) modules went live. Ernst & Young, a leading consultant in the field has been appointed as implementation partner for the project.



A tribute to the Father of the Nation

'Mahatma Gandhi Udyan' developed by SAIL Rourkela Steel Plant (RSP) was opened for the public on 6 April, 2023. Shri Jual Oram, Member of Parliament, Sudargarh and other dignitaries were present on the occasion. The

pièce de résistance of the udyan is a magnificent statue of the father of the nation as a tribute to Gandhijee and has several murals and messages connected to him. The scenic garden has been developed near the Ispat market.



Induction programme at RSP



An induction programme was organized at SAIL Rourkela Steel Plant (RSP) for newly recruited executives at HRD Centre on 11 April, 2023. The new recruits comprise 15 Management Trainees, 8 Assistant Managers (Safety) and 7 Medical Professionals.

BSP develops new grades of TMT bars for customers in construction sector

Bhilai Steel Plant (BSP) has developed three new grades of TMT bars. These advancements are credited to the concerted efforts of cross-functional teams comprising the plant's Quality Department, Steel Melting Shops and associated Rolling Mill. Recently developed via the SMS 3 – bar & rod mill route, these new grades of TMT bars have been supplied to various applications in India's burgeoning infrastructure and construction sector.

Besides these new TMT bar grades developed through the SMS 3 – BRM route, two additional grades have been developed and supplied recently. These include EWNR and CAQ grade wire rods, which were developed through the SMS 3 – wire rod mill route.



BSP supplies TMT bars for Central Vista project

Bhilai Steel Plant (BSP) produces high strength TMT Bars with earthquake and corrosion resistant properties for use in big projects of national importance including dams, thermal, hydro-electric & nuclear power projects, bridges, expressways, flyovers, tunnels and high-rise buildings all over the country. It has in recent times, supplied TMT bars of desired specification for use in the nation's 'Central Vista'

project in New SAIL has supplied around 34,000 tonnes of steel for use in construction of the project's facilities wherein Bhilai Steel Plant (BSP) has supplied around 8500 tonnes of highly corrosion resistant (HCR) grade of TMT Bars for the project. The other plants of SAIL that have also supplied steel for the 'Central Vista' project are IISCO Steel Plant and Durgapur Steel Plant.



'Spectrum' inaugurated at Rourkela Club

Rourkela Club, a vibrant hub of cultural activities has been adding new facilities to keep pace with the changing times. Recently, 'Spectrum' a new state of the art auditorium in the club premises was inaugurated. The erstwhile, old main hall of the club has been transformed into an attractive auditorium with centralized air conditioning, beautiful lighting, acoustic system and modern sound systems. With a seating capacity of about 150 persons, the auditorium can now host varied events, right from seminars to cultural programmes.

Safety awareness programme at Ranchi

A safety awareness programme for 21 warehouse managers from different warehouses of CMO was held on 4-5 July, 2023 at Management Training Institute (MTI), Ranchi covering safety aspects in material handling, felt leadership, roles and responsibilities, fire, electrical safety & case studies of material handling.



First consignment of HR plates flagged off



The first consignment of Hot Rolled plates from the newly installed world class Sheet Shearing Line (SSL) of Hot Strip Mill-2 (HSM-2) of SAIL Rourkela Steel Plant (RSP) was

flagged off on 22 April, 2023. In all 19 HR plates packets with total weight of about 126.5 tonnes were loaded on 2 railway wagons for despatch to Ballabgarh stockyard.

Ultra modern diagnostic instruments added in IGH, RSP

Ispat General Hospital of SAIL, Rourkela Steel Plant was recently equipped with Japan-made upper GI and lower GI endoscopy machine PENTAX. The equipment laced with cutting edge technology will perform a wide range of procedures with greater accuracy and efficiency resulting in better patient outcome. It will help in diagnosis of intestinal diseases followed by successful treatment.



Doctors' day observed at DSP

Doctors' Day was observed on 1 July, 2023 at SAIL Durgapur Steel Plant, with a special felicitation program at Shilpangan, a vocational training institute. The event was attended by Shri BP Singh, Director in-charge (Burnpur and Durgapur Steel Plant), along with other senior officials.



AR/VR based welding simulator lab inaugurated at RSP

To leverage cutting-edge technologies in digital transformation initiatives at RSP, a state-of-the-art AR/VR (augmented reality/ virtual reality) based welding simulator lab named as 'Virtulab' was inaugurated at HRD Cente of SAIL Rourkela Steel Plant (RSP) on 22 May, 2023. The 'Virtulab' equipped with an advanced welding simulator station from M/s Soldamatic; marks a significant milestone in advancing training and skill development in the field of welding at RSP.



Megha Mallhar evening organized at RSP

"Megha Mallhar", an evening of dance & music heralding the monsoons was organized by SAIL Rourkela Steel Plant (RSP) on 15 June, 2023 to mark the popular Odiya festival 'Raja Utsav'. The cultural programme started with a mesmerizing flute concert by Guru Narendra Nayak and his troupe. It was followed by spellbinding dance performances presented by artistes of Nrutya Madhuram, Kalyani Kala Kendra and Jagannath Sanskrutik Parishad.



Safety park inaugurated at Caster-IV project site of RSP

A pioneering safety park was inaugurated at the ongoing project site of Caster-IV in the Steel Melting Shop-II (SMS-II) department of SAIL Rourkela Steel Plant (RSP) on 17 June, 2023. The safety park serves as an innovative

display area that showcases standard procedures, do's and don'ts, various safety, fire, and life-saving equipment. The primary objective of establishing the safety park is to raise awareness about safety.





'Abhyuday' induction & familiarization programme held at RSP

'Abhyuday' an induction programme for the newly promoted Junior officers was organized at the Gopabandhu Auditorium of SAIL Rourkela Steel Plant (RSP) on 21 June, 2023. A total of 163 employees promoted to the post of Junior officers attended the programme.

एसएमएस-2 ने ऑटोमोबाइल क्षेत्र में उपयोगी विशेष ग्रेड ब्लूम्स उत्पादित किया



भिलाई इस्पात संयंत्र की स्टील मेल्टिंग शॉप-2 (एसएमएस-2) ने पहली बार, एलॉय स्टील प्लांट दुर्गापुर के लिए 20 एमएनसीआर 5 डीग्रेड स्टील ग्रेड के ब्लूम्स की कास्टिंग कर एक और उपलब्धि दर्ज की है, जिससे एलॉय स्टील प्लांट से लंबे समय से लंबित आवश्यकताओं को पूरा किया जा रहा है। वर्ष 1985 में एसएमएस-2 में क्रूड स्टील का उत्पादन शुरू हुआ। एसएमएस-2 को संयंत्र के 4 मिलियन टन विस्तारीकरण के अंतर्गत चालू किया गया था। एसएमएस-2 अपने कंटीन्यूअस कास्टिंग शॉप (सीसीएस) के कास्टर से कास्ट ब्लूम और कास्ट स्लैब का उत्पादन करता है। एसएमएस-2 से कास्ट स्लैब को प्लेट मिल में रोलिंग कर प्लेट उत्पादन किया जाता है और संयंत्र के रेल और स्ट्रक्चरल मिल में कास्ट ब्लूम्स को रोल कर रेल का उत्पादन किया जाता है। ब्लूम कास्टर नंबर 5 शुरू से ही एसएमएस-2 का अभिन्न हिस्सा रहा है, जिसमें पहला ब्लूम 3 फरवरी 1985 को कास्ट किया गया था और तब से लेकर आज तक कास्टर-5 ने निरन्तर भारतीय रेलवे के मांग अनुसार आवश्यक गुणवत्ता को पूरा किया है। यह कास्टर हमेशा सभी कास्टर के बीच उत्कृष्ट रहा है और कास्टर का उपयोग हमेशा 95 प्रतिशत से अधिक रहा है। एक बार कास्टिंग शुरू हो जाने के बाद कास्टर को फ्लाइंग टंडिश के द्वारा लंबे क्रम तक

जारी रखा जाता है और किसी तकनीकी समस्या की स्थिति में ही रोका जाता है। भारतीय रेलवे की आवश्यकतानुसार कास्टर को समय-समय पर उन्नत किया गया है, जिसमें ईएमएस सिस्टम, स्लैग डिटेक्शन सिस्टम और एएमएलसी शामिल हैं। एसएमएस-2 सभी आयामों पर उत्कृष्टता के लिए निरंतर प्रयासरत रहा है। एलॉय स्टील प्लांट दुर्गापुर के लिए 20एमएनसीआर5 डीग्रेड स्टील ग्रेड के ब्लूम्स की कास्टिंग कर एसएमएस-2 एक और उपलब्धि दर्ज की है, जिससे एलॉय स्टील प्लांट से लंबे समय से लंबित आवश्यकताओं को पूरा किया जा रहा है। मुख्य महाप्रबंधक (एसएमएस-2) श्री सुशांत कुमार घोषाल के नेतृत्व में एसएमएस-2 के कंटीन्यूअस कास्टिंग शॉप (सीसीएस) के संचालन (ऑपरेशन), मैकेनिकल और इलेक्ट्रिकल के अलावा इंस्ट्रुमेंटेशन ग्रुप, प्लांट्स रिसर्च एंड कंट्रोल लेबोरेटरी (आरसीएल), एसएमएस-2 में कन्वर्ट शॉप, एसबीएस, सेकेंडरी रिफाइनिंग यूनिट्स, केएमसी ग्रुप और प्रोटेक्टिव ग्रुप सहित सभी सहयोगी विभागों के अथक प्रयासों से इस उपलब्धि को प्राप्त करना संभव हो पाया। उल्लेखनीय है कि 20 एमएनसीआर 5 डीग्रेड स्टील ग्रेड के इन ब्लूम्स को ऑटोमोबाइल क्षेत्र में विभिन्न अनुप्रयोगों के लिए सेल के एसपी विशेष इस्पात संयंत्र में रोल किया जाएगा।

SSO organizes hazard analytics competition to celebrate Worldsteel Day for Safety and Health



Worldsteel Day for Safety and Health was celebrated on 28 April, 2023 in a befitting manner by SAIL Safety Organisation (SSO) at Ranchi. The day is celebrated globally every year on 28 April under the aegis of World Steel Association. As a part of the celebration, a hazard analysis competition named hazan.com was organized for employees of plants & units of SAIL, in which case studies on mitigating the hazards at workplace were discussed based on employee experiences. Out of total 47 entries received in two categories, 21 entries from

the teams of employees were shortlisted. Shortlisted teams included the team of Shri K Karupiah and Shri K Shanmuga Sundram from Salem Steel Plant (SSP), who emerged as the overall winner in category - 1, whereas Shri Shailendra Jainwar, Shri Gangadhar & Shri Abhishek Sahani from Bhilai Steel Plant (BSP) were the winners in category - 2.

An eBook of the entries received has been compiled and has been made available on SSO information portal.

Young leaders CMO summit at Ranchi



A 'Young Leaders' summit of SAIL Central Marketing Organization (CMO) was organized at MTI Ranchi during May 19-20, 2023 wherein Shri VS Chakravarthy, Director

(Commercial) and other senior officials interacted with young leaders and focused on strategies for leveraging sales & marketing, customer services, logistics, etc.

दल्ली राजहरा ठेका श्रमिकों के लिये मेडिकल सुविधा



भिलाई इस्पात संयंत्र के हिरी खदान के ठेका श्रमिकों और उनके पात्र परिजनों को मेडिकल सुविधा देने के लिए दल्ली राजहरा, नंदिनी की तरह हिरी खदान में भी दिनांक 29 अप्रैल, 2023 को आर बी इंस्टीट्यूट ऑफ मेडिकल साइंसेज, बिलासपुर के साथ एमओयू पर हस्ताक्षर किए गए। उल्लेखनीय है कि खदान क्षेत्र में ई एस आई लागू नहीं है, जिसके

कारण ठेका श्रमिक और उनके पात्र परिजन मेडिकल सुविधा से वंचित रहते हैं, इस बात को संज्ञान में लेते हुए प्रबंधन द्वारा एक योजना शुरू की जिससे ठेका श्रमिक और उनके पात्र परिजनों को ओपीडी की निःशुल्क सुविधा उक्त अस्पताल में दिनांक 1 मई 2023 से मिलेगी।

Shri Brijesh Kumar, Additional Member (Works), Railway Board visits BSP

Shri Brijesh Kumar, Additional Member (Works), Railway Board, visited Bhilai Steel Plant on 25 May, 2023. Shri Brijesh Kumar visited various production units of Bhilai Steel Plant and witnessed steel making at the modex units. During his visit to the plant, Shri Brijesh Kumar took keen interest in operations at modex units, including Blast Furnace 8, Steel Melting Shop 3 and Universal Rail Mill.



BSP's SMS-3 constructs rest room by utilising industrial plastic waste

On the occasion of World Environment Day, SAIL Bhilai Steel Plant's SMS-3 has set a benchmark in environmental conservation by renovating a staff rest-room at External Water Supply System (EWSS). This structure was constructed using in-house resources by the EWSS Team, who utilized the plastic waste generated during the maintenance of the plant's cooling towers. This initiative represents an innovative re-use of industrial plastic waste, which otherwise would have been dumped, contributing to pollution on earth. This effort will not only enhance basic amenities for the staff, but also will contribute to reducing the carbon footprint arising from the generation of industrial plastic waste.



भिलाई इस्पात संयंत्र की डब्ल्यूआरएम और सेल की आरडीसीआईएस की टीम अंतर्राष्ट्रीय कॉन्क्लेव में उपविजेता

भिलाई इस्पात संयंत्र की वायर रॉड मिल (डब्ल्यूआरएम) और सेल की आरडीसीआईएस की एक टीम ने सेल और एनएचआरडी द्वारा सेल के प्रबंधन प्रशिक्षण संस्थान (एमटीआई) में 12-13, अप्रैल 2023 को रांची में आयोजित धातु और खनन उद्योग में क्षमता निर्माण के लिए डिजिटल एचआर पर अंतर्राष्ट्रीय कॉन्क्लेव में ई-गैलरी में अपने पेपर प्रेजेंटेशन के लिए उपविजेता का स्थान हासिल किया है। आरडीसीआईएस और डब्ल्यूआरएम की टीम ने संयुक्त रूप से 'आईटी संचालित कोइल ट्रेकिंग एंड यार्ड मैनेजमेंट



सिस्टम: डब्ल्यूआरएम कुशल आपूर्ति श्रृंखला में एक रचनात्मक लिंक' पर पेपर प्रस्तुत किया। पेपर में मिल के कॉइल यार्ड मैनेजमेंट सिस्टम के एक भाग के रूप में हैड हेल्ड स्कैनर से सेप पर डेटा पोस्ट करने के बाद ऑटोमैटिक डिस्पैच एडवाइस जनरेशन पर प्रकाश डाला गया। 6 मई, 2023 को इस्पात भवन के सम्मेलन हॉल में कार्यपालक निदेशक (परियोजनाएं और पी एंड ए) श्री एस मुखोपाध्याय द्वारा महाप्रबंधक (आरडीसीआईएस) अर्चना शरण, महाप्रबंधक (एमडब्ल्यूआरएम) अनुपमा कुमारी, सहायक प्रबंधक (शिपिंग) डब्ल्यूआरएम वी सुभाष और बीएसपी के सी एंड आईटी विभाग के सहायक ईआरपी-एमईएस टीम के सदस्य महाप्रबंधक जेपीएस चौहान, उपमहाप्रबंधक दीपमाला, उपमहाप्रबंधक बुहरील थांगलियांगमांग और रितेष अवधिया को सर्टिफिकेट दिया गया। इस अवसर पर मुख्य महाप्रबंधक प्रभारी (एम

एंड यू) श्री असीत साहा, मुख्य महाप्रबंधक (एचआरडी एंड बीई) श्रीमती निशा सोनी और महाप्रबंधक (इनकोस) श्री रविशंकर उपस्थित रहे। जात हो कि मिल के कॉइल यार्ड मैनेजमेंट सिस्टम प्रोजेक्ट के पहले कदम के रूप में, डब्ल्यूआरएम कॉइल से भेजे गए प्रत्येक वायर रॉड कॉइल को क्यूआर कोड के साथ लेबल करने की पहल की गई थी। क्यूआर कोड में हीट नंबर, कॉइल नंबर, क्वालिटी, सेक्रान, तारीख और रोलिंग की शिफ्ट जैसी सभी जानकारी होती हैं। ये सभी जानकारी प्रत्येक कॉइल के लिए अद्वितीय हैं। यह सेल के मार्केटिंग विंग तथा सीएमओ की सुनियोजित लेबलिंग तथा मार्किंग की आवश्यकता को पूरा करने के लिए किया गया था। हैड हेल्ड स्कैनर की सहायता से सेप पर डाटा पोस्ट करने के बाद ऑटोमैटिक डिस्पैच एडवाइस जनरेशन के साथ मिल का कॉइल यार्ड मैनेजमेंट सिस्टम प्रोजेक्ट अब पूरा हो गया है।

An initiative to combat climate change by BSP



Bhilai Steel Plant (BSP) is now deploying Electric Vehicle's (EV) for use in the plant's Chief General Managers' offices, effectively replacing the petrol-driven vehicles previously used for their day-to-day travel. This change serves as another step towards environmental protection by reducing CO2 emissions.

The first batch of 22 vehicles, all of which are TATA Tigor models were handed over to Shri Anirban Dasgupta, Director in-charge (Bhilai Steel Plant) by Shri Nitul Sharma, Zonal Manager of Tata Motors, at an informal function held in the Township Garage on 12 May, 2023. As many as 42 EV vehicles are being leased by BSP for use by the offices of the CGMs. This substantial acquisition of electric vehicles represents one of the largest by any Public Sector Undertaking (PSU).

Facility set up for environment friendly disposal at BSP appreciated at Geneva conference



SAIL Bhilai Steel Plant (BSP) in partnership with the Ministry of Environment Forests and Climate Change (MoEFCC), Govt of India and the United Nations Industrial Development Organization (UNIDO) has undertaken the prestigious national project for the disposal of PCBs & PCB contaminated wastes at Bhilai Steel Plant. These wastes have been declared as one of the persistent organic pollutants (POPs) and are considered highly carcinogenic as per the Stockholm convention. The PCB plant set up at BSP will assist in environmentally friendly disposal of all the PCB wastes presently available at different units of SAIL. It will also cater to the disposal of PCB wastes stored at different electrical installations across the country. The Secretariat of the Basel, Rotterdam and the Stockholm Conventions held a polychlorinated biphenyls (PCBs) Fair during the 2023 Conference of Parties (COPs) from 3-5, May 2023 at the Geneva International Conference Centre (CICG), Geneva, Switzerland. A large number of delegates representing



different countries, NGOs and industrial organizations who visited the booths showed keen interest in the prototype model of BSP's static facility. In fact, BSP's facility scored heavily in terms of the environmental sustainability of its operations with delegates appreciating the efforts of the Govt. of India & BSP in setting up this facility to eliminate PCB wastes in the country.

माननीय संसदीय राजभाषा समिति के सदस्यों ने भिलाई इस्पात संयंत्र का दौरा किया



24 मई, 2023 को एक दिवसीय प्रवास पर भिलाई आर, माननीय संसदीय राजभाषा समिति के सदस्यों ने सेल-भिलाई इस्पात संयंत्र का दौरा किया। संसदीय राजभाषा समिति, भिलाई प्रवास के दौरान सर्वप्रथम संयंत्र के मेन गेट स्थित सुरक्षा उत्कृष्टता केन्द्र में पहुंचे, जहां उनका स्वागत संयंत्र के निदेशक प्रभारी श्री अनिबान दासगुप्ता ने किया।

समिति ने भिलाई इस्पात संयंत्र के विभिन्न उत्पादक इकाइयों का निरीक्षण किया और उत्पादन गतिविधियों का जायज़ा लिया। संयंत्र के विभिन्न उत्पादक इकाइयों में संसदीय राजभाषा समिति के सदस्यों को विभागप्रमुखों द्वारा विभागीय कार्यप्रणाली से अवगत कराया गया।

भिलाई इस्पात संयंत्र के एसएमएस-3 में कास्टर-4 का उद्घाटन

भिलाई इस्पात संयंत्र के 7 मिलियन टन मोडेक्स परियोजना के आधुनिकीकरण और विस्तारीकरण के अंतिम चरण में एसएमएस-3 के कास्टर-4 के हॉट ट्रायल का शुभारंभ दिनांक 08 जून, 2023 को संयंत्र के श्री अनिबान दासगुप्ता, निदेशक प्रभारी द्वारा किया गया। कास्टर-4 को सामान्यतः एसएमएस-3 का सीवी-2 भी कहा जाता है। लैडल फर्नेस के लैडल को टरेट पर रखा जाता है। स्लाइड गेट्स के माध्यम से हॉट

स्टील को टंडिश से प्रवाहित किया जाता है। तत्पश्चात् इस हॉट स्टील को बीम ब्लैक्स के रूप में, अंतिम उत्पाद की ढलाई हेतु, टंडिश से मोल्ड में डाला जाता है। इनसे 12 मीटर लम्बाई वाले अंतिम उत्पाद (बीम ब्लैक्स) तैयार किये जाते हैं। इन बीम ब्लैक्स के आयाम 405 मिमी गुना 285 मिमी गुना 90 मिमी (405 x 285 x 90) के होते हैं।





SAIL's contribution in Nation building in the last five decades

Anindita Mahapatra

2nd Prize in the English Category of SAIL Swarna Jayanti Story Writing Competition 2022

Abhisri, a smart little girl, grew up in Rourkela in the early 70's. The rustic industrial township, endowed with rich tribal heritage, was surrounded by hills and forests where academics, sports and cultural activities thrived equally. Its cosmopolitan environment taught Abhisri the importance of unity in diversity and respect for all. She learnt the value of discipline and camaraderie early on in life.

Abhisri's childhood days were enjoyable. Her neighbours were friendly SAILites who had removed the hedges separating their quarters to allow kids to have more open space to play Pittoo, I spy, Antakshari and Memory games after school. Abhisri's father, a doctor in SAIL, had the company's landline phone at home, a sole privilege in their locality. Thus her home received phone calls for the entire neighbourhood. During holidays, the best place for kids' entertainment was Abhisri's home. They were amused by the phone chitchats and giggled on silly jokes while being fed hot pakoras and sweets by Abhisri's mother. Competitions were held for the neighbourhood children in her garage. Life was so simple then, yet enriching! These steel-townships nurtured a lifestyle where ethics and values mattered; where education was valued over affluence; where family meant friends, neighbours and colleagues; where celebrations brought all people together.

Years later, after completing her studies and working abroad, Abhisri returned to Rourkela to start her life afresh, only to find it a dying and dull place. She was heartbroken. Fond memories of her childhood days flashed across her mind. She remembered how her Late father had built a tiny house in Rourkela with his humble savings, hoping some day his children would require it.

"I will open a facility here for Creative Education of Autistic children", decided Abhisri. She worked relentlessly to establish this facility in her father's name. She missed her father and his guidance. He would have been so proud of her. However, she was contented that she could contribute to the society. Her life now had a purpose!

Anand, Abhisri's childhood friend who had migrated to the USA, was visiting his family in Rourkela. While everyone was glad to meet him, yet he seemed displeased by the dreary and lackluster life in Rourkela.

"Dad, what has SAIL given you in return for your hardwork and dedication?" questioned Anand while sipping tea made lovingly by his ailing mother. "Poor salary, office politics, conservative mindset, no work-life balance, only frustration!!".

"Son, this place and job have given me enough so I could support you to live your dreams. Thanks to SAIL, you are where you are today, be it education, values, competence or social skills! This town has selflessly cradled you and blessed you with a strong foundation", his father said calmly. Anand smirked.

Abhisri was present there. She had come to pick up Anand for a get-together of their school friends residing in India. They had planned to meet in Rourkela coinciding with Anand's visit.

Anand was pleasantly surprised to learn that his friends were very well placed and successful. "SAIL has given us the impetus, comfort and all enablers to surge ahead in life", said Namrata who headed a Pharma company. Lopa was from Atomic Energy; Sandeep was CMD in a prestigious Hotel-Chain while Arun was a successful Entrepreneur. Abhisri herself was a scientist who had chosen to work for autistic children.

Dr.Ipsita and Shrikant, both second generation SAILites, shared how SAIL has been contributing to nation building, be it in Defence Sector, Infrastructure or social transformation initiatives. "I worked in the prestigious Chenab bridge project and feel proud that the material used was from our SAIL", said Jacob.

The charm of meeting old friends, the scent of Rourkela and the warmth of family made everyone nostalgic. Cycling to school together, playing on streets, getting off the school rickshaw and pushing it from behind in uphill roads, each memory brought a genuine smile. There was sheer happiness and positivity all around.

Yet, Anand was pensive and couldn't sleep all night. His father's words kept ringing in his ears and made him value his roots and upbringing. He realized that, his friends in their own way were building India as a land of their dreams. He was inspired by the clarion call of the PM regarding Atmanirbhar-Bharat to contribute to his motherland in a novel way. Somehow the thought of staying in USA didn't appeal to him any longer.

"Hey Abhisri, can I collaborate with you for a project?" he asked. She was overwhelmed with joy!

"My country needs me and my parents definitely need me", realized Anand. He left India with a determination to return for good!

"A Nation is built by its People, not just Technology"

**Dedicated to my parents who have given me everything and expected nothing in return*

SAIL's contribution in Nation building in the last five decades



Munmun Mittra

2nd Prize in the English Category of SAIL Swarna Jayanti Story Writing Competition 2022

'They look like sunflowers!', chimed little Shreya. She had been trying to see how the irises of her mom's eyes looked like. She brought her face very close to her mom's and stared straight in, with a broad toothy grin, their noses touching.

'Can you see the colour of my i-r-i-s-e-s?', she asked. 'Are they like yours?'

'No, I see a bit of your father there! It's deep brown with a hint of my yellow!', her mom answered, smiling. A rare hint of yellow; Sohuh had loved that.

It was a summer. A reddish hue lit up the far skies near the setting sun. The small room had a lamp with a hand painted shade that hung from a corner of the room. Shreya and her mom cuddled on the single bed at one side of the room.

They always had loads to talk and laugh about whenever they were together. Aruna held her daughter close to her bosom. A small restless little head with pigtails snuggled and gasped and giggled till she had to be held even closer and tighter with both breaking into laughter at the silliness of it all. That's perhaps what they call love, Aruna thought; these small silly moments they share sometimes.

It had been a long tiring night. The rain swept roads of the steel city sparkled under the lights. The water sloshed and gurgled through the roof gutters and drains and the sound of the harsh patter of the rapid heavy drops seemed to shatter the last vestige of strength Aruna had managed to gather. She felt like her unbearable wait would never end, until it finally did.

Her hands had trembled when she was taken to the hospital to see Sohuh. She was told that it was an accident. A drunk driver had snuffed out the light of her life. The words had just hung in space empty.

It had been just a year of her marriage. She had been waiting that evening to go to a movie with him. She had crumpled when she saw his lifeless body on the cold sheet of metal at the hospital.

He was a few days short of twenty nine when he left her. She lit a candle for him on his birthday and stared at it blankly. The family and his friends from his workplace

had been dropping in for the fortnight or so. The footfall trickled down till it gradually went nearly silent. His office alone had tried to reach out but she hardly ever replied.

She could have died or just thrown herself off the roof of a building. The sheer meaninglessness of her existence made her feel like a stone; except for the fact that she had felt another small heart beating inside her body. She had wept copiously. She would have to live on. She would have to be strong; like the steel Sohuh had forged all through his life.

It had not been easy. She would avoid people and shy away in the beginning when she first joined the job she had been offered.

Mr.Mathur had been insistent when he saw her plight. He had tried his best to convince her that tough times need tough decisions. She would have to move on; for herself and the life growing inside her. It took a while but good sense prevailed. Sohuh would have wanted her to do this; for her and the baby, she felt.

She had learnt to use a computer for the first time and even manage her own bank account through it. She whispered her accomplishment to her baby and smiled for the first time in weeks. It felt like Sohuh was listening too. He had just changed forms.

Shreya was born on a beautiful winter day. Her hands were like her father. Her fingers and the shape of her nose looked like Sohuh's. Her eyes looked more like Sohuh's and a bit like her mom's. Aruna, her mother-in-law and the child made up her new world.

It had been a tiring day at office. Aruna had just had a cup of tea, as the doorbell rang. She smoothed out the silver strands in her hair as she rolled her hair into a bun.

She got up to answer it as she found Shreya right outside, waiting restlessly to rush in and share an interesting story as she always did.

Her story did change their world a little more this time.

She had always known that her father had been a man of steel. It had always fascinated her. Shreya stood by the furnace as she watched the liquid metal being tapped.

The steel her father forged had finally pulled her back to where she belonged.



SAIL's contribution in Nation building in the last five decades

Abhilash Kumar Sharma

2nd Prize in the English Category of SAIL Swarna Jayanti Story Writing Competition 2022

It was already time, as V.K. leaned back with his book, resting on the comfortable 2AC lower berth. The train slowly gained momentum to inch forward onto the journey, leaving behind the Chennai platform. Suddenly, a teenager hopped in, frantically searching for his seat.

"Sir, it's coach A1, right?" he asked puffing.

V.K. replied with a smile, "Ya, it is. Calm down!"

"Phew!! Made it amidst this traffic! Thanks Sir. Ravi here, and pleased to meet you", the boy remarked, as he lowered his luggage down. V.K. gave an affirmative nod to Ravi and went back to reading his book.

"Sir, you see, this country won't go far. Such pathetic traffic and terrible roads, and there is no innovation to resolve it. You know, am just back from my studies in the US, and just cannot get to adjust to this."

V.K. peeked from his book, "Why? what makes you judge your country so easily?"

"Arrey, come on! Can anyone make it big here? The big govt. guns are lazy and unimaginative to do anything new. Where do you get the support?" Ravi replied as he started streaming a movie on his phone, for the journey.

V.K. glanced, "83- the movie? You love cricket, I suppose?"

"Hahaha...yes, the only thing that works for India perhaps!" Ravi sarcastically replied.

V.K. put down his book now and looked at Ravi emphatically.

"Ok, let me tell you something. In a remote place in Odisha, called Chikatmati, a small boy lived with his family. Deprived of basic needs, but still wide-eyed for the world, he had literally unreal dreams of the future. He always believed that a Guiding Angel would come and change their lives forever. One fine day, his sister got really sick and to save her life, she had to be rushed to a hospital far away. There was no one with a vehicle back then and hopes seem to have been faded, until one tall dark figure arrived with his car. The boy saw a pentagonal-shaped icon on the card hanging on the man's neck as the girl was hurriedly driven to the hospital. He saw the same icon on the hospital's name board also. His sister was saved and after a few days, they all came back home in the same man's car. But this time, the man returned to Chikatmati with a few more people hanging the same card. The elders talked with them and seemed very pleased with the conversation. In a few months, the boy felt like he was witnessing a slice of his dream as drastic transformations

began to take place. Clean water, good houses, jobs and healthcare seemed attainable now. His belief got even more strengthened when he was selected by these people to study in a big college outside the village. His Angel had finally arrived for him. He finally left and..."

"Wait! Do you think that am a kid, that you are narrating this unreal fantasy to me?" Ravi interrupted scornfully.

V.K. replied calmly, "Why do you think that all good things in this country are mythical? What if I told you that there is indeed something that has been behind such unbelievable stories?"

"What do you mean?" Ravi asked cynically.

"What if I told you that in the last 50 years, One Force has been behind the very rail tracks and wheels that we are running on presently; the majestic Adiyogi statue that we bow down to; the incredible Statue of Unity that we literally look up to; the formidable INS Udaygiri and Vikrant that makes enemies shudder; the Agra-Lucknow Expressway that could even land a fighter jet; the many ISRO missions that make our chests swell with pride; even some of the '83 WC heroes and Olympians that you seem to be such a fan of and, this very wondrous Pamban bridge that we will cross now?" V.K. replied smilingly, as Ravi gazed out capturing the exalting view of the train passing over the Pamban Bridge, cradled within the deep sea waters.

V.K. continued, "A Guiding Angel in some form helps the people who are willing to persevere to get what they want. Instead of cursing, start introspecting. There are some people who actually toil hard to make this great nation shine, and it only depends on what you choose to see."

In a while, Rameswaram station arrived and before Ravi could come up with a reply, a horde of people came into their compartment and garlanded V.K. Before being escorted out, he looked at Ravi and made a unique gesture with his two thumbs touching their tips and the index fingers meeting to make an upward pentagonal shape.

Dumbfounded, Ravi's gaze suddenly fell on his seat, where he found a visiting card. The name read "V.K., Director-ISRO" and as he flipped the card, he saw a hand-drawn shape of a pentagonal shape encasing a square block and a scribbled message-

"There's a little bit of SAIL in everybody's life."

Ravi sighed and smiled. He understood that who might have been that boy from Chikatmati and what might have been his Guiding Angel.



सुमीत - 'यस मैम!'
रविंद्र- 'प्रजेंट मैम!'
स्वाति... स्वाति- 'हां, मैम!'
रीना...रीना...रीना...! क्लास में साइंस

की प्रोफेसर डॉ. प्रीति शर्मा की आवाज गूंजी।
'फिर अब्सेंट....! जाती कहां है यह लड़की...?'
'सेल गई होगी....!' स्वाति ने फुसफुसाया, सभी हंस पड़े।
'क्यों हंस रहे हो तुम लोग...?' प्रीति ने गुस्से से कहा।
सुमीत- 'मैम रीना अक्सर सेल जाती है, इसीलिए... सभी...!'
'हुम्म...तो चलिए आज सेल पर ही नोट्स बनाते हैं...!' प्रीति के प्रत्युत्तर से सभी ने चुप्पी साध ली।
'तो कौन-कौन सेल जाता है? क्या अर्थ है सेल का ?' बोलो..!'
किसी ने जवाब नहीं दिया।
प्रीति- 'आज का टॉपिक लिखिए- 'सेल', चौंकिये मत!' सेल की ही बात कर रही हूं... लिखिये...!'
'स्वाति आज तेरी वजह से...! ज्योति ने बुदबुदाया।
'सॉरी...मुझे क्या पता था मैम सुन लेंगी! स्वाति ने धीमे से कहा।
प्रीति- 'चलिये लिखिये...सेल के अनेक अर्थ होते हैं, शरीर की कोशिकाओं, घड़ी में लगने वाली बैटरी, बिक्री, मोबाइल, और डिस्काउंट को भी सेल कहते हैं! और भारत की महारत्न कंपनी स्टील अथॉरिटी ऑफ इंडिया लिमिटेड को भी शार्ट में सेल (SAIL) कहा जाता है, जो लौह और इस्पात की देश की सबसे बड़ी कंपनी है। एकाएक सभी रोमांचित हो उठे।
प्रीति की यही विशेषता थी। वह हर बात में सामान्य ज्ञान को शामिल कर लेती थीं। पढ़ाई के मामले में कड़क स्वभाव की थी, लेकिन उसके मिलनसार व्यक्तित्व से सभी प्रसन्न रहते थे।
'तो आगे नोट्स बनाएं ?' प्रीति ने मुस्कराते हुए कहा।
'यस मैम...!' सभी के एक स्वर थे।
'मैम स्टील अथॉरिटी ऑफ इंडिया लिमिटेड यानी सेल से संबंधित प्रश्न तो प्रतियोगी परीक्षाओं में भी आते हैं!' सुमीत उत्साहित था।
प्रीति ने आगे बताया, 'राष्ट्र के निर्माण में पिछले पांच दशक से सेल के योगदान को कभी विस्मृत नहीं किया जा सकता। हम जिस ट्रेन में सफर करते हैं उसकी पटरियां सेल ही बनाता है। सेल ने इतनी पटरियों का निर्माण किया है कि पूरी दुनिया को 15 बार लपेट लें !' बुलेट ट्रेन और समुद्र के नीचे रेल लाइन के लिए भी पटरियों का निर्माण सेल कर रहा है। भारतीय रेलवे को 18 लाख से भी अधिक पहियों की आपूर्ति सेल कर चुका है।
ज्योति- 'मतलब सेल है तो ही रेल है और रेल की धड़कनें सेल की पटरियों के सहारे धड़क रही है!'
प्रीति- 'बिलकुल सही ज्योति...गुड! आगे बढ़ें हम...!'
'यस मैम...!' पूरी क्लास दुगुने जोश से बोल पड़ी।
रविंद्र- 'मैम सेल की स्थापना कब हुई?'
प्रीति- 'अच्छा प्रश्न रविंद्र...सेल की स्थापना 24 जनवरी 1973 में हुई। सेल के पांच एकीकृत कारखाने भिलाई (छत्तीसगढ़), दुर्गापुर, इस्को

कमलेश गाजीया

सेल स्वर्ण जयंती के हिन्दी कहानी लेखन श्रेणी में द्वितीय पुरस्कार

(पं. बंगाल), राउरकेला (उड़ीसा), बोकारो (झारखंड) हैं। इनमें सबसे बड़ी इकाई भिलाई स्टील प्लांट (बीएसपी) है। विशेष कारखाने पं. बंगाल, तमिलनाडु, कर्नाटक में हैं।

सुमीत- 'मैम राष्ट्र निर्माण में सेल का महत्वपूर्ण योगदान कैसे है?'
प्रीति- 'देश की सभी महत्वपूर्ण परियोजनाओं और निर्माण में सेल इस्पात का इस्तेमाल होता है। हजारों लोगों को रोजगार मिलता है। सेल अपने संयंत्रों और इकाइयों के जरिये देशभर में शिक्षा, पर्यावरण, स्वच्छता, स्वास्थ्य और खेल जैसे क्षेत्रों में भी कार्यरत है। सेल की विभिन्न खेलों की अकादमी है और सेल ने भारत को अनेक अंतर्राष्ट्रीय खिलाड़ी दिये हैं। भारतीय संस्कृति के विकास, संरक्षण के साथ आधुनिक तकनीक, ज्ञान-विज्ञान को प्रोत्साहन के फलस्वरूप सेल ने पूरे विश्व में भारत का मान बढ़ाया है।'

सुमित- 'मैम कोई ऐसी बात जो सेल को दूसरी कंपनियों से विशेष बनाती है...?'

प्रीति- 'गुड क्वेश्चन... सार्वजनिक क्षेत्र की बहुत कम ऐसी कंपनियां हैं जो शीर्ष पदों पर महिलाओं को अवसर दे। सेल की कमान पहली बार एक महिला के हाथों में दी गई है जो महिला सशक्तिकरण का प्रत्यक्ष उदाहरण है। वर्ष 2021 में सोमा मंडल जी सेल की चेयरमैन बनाई गईं। सोमा जी के रूप में एक सशक्त नारी लौह कंपनी में अपना लोहा मनवा रही हैं!' पूरी क्लास तालियों से गूंज उठी।

स्वाति- 'मैम क्यों न हम इस सेशन के एजुकेशनल टूर में सेल की किसी यूनिट में चलें...!'

प्रीति- 'गुड आइडिया...! इस बार हम देश के नवरत्नों में शुमार 'महारत्न सेल' चलेंगे।'

'मे आई कम इन मैम...!' क्लास के बाहर से रीना ने कहा।

प्रीति- 'हुम्मम...कैसी रही तुम्हारी सेल...? अभी बाहर ही खड़े रहो !'

रीना बाहर ही रही, बाकी हंसने लगे।

'कम इन रीना !' प्रीति ने क्लास समाप्त होने के पांच मिनट पहले बुलाया।

प्रीति- 'किस सेल में शापिंग करने जाती हो रीना ? हमेशा तो लोवर और टी-शर्ट में दिखती हो!'

'ट्रेक सूट के डिस्काउंट सेल में मैम !' स्वाति के व्यंग्य से क्लास में ठहाके लगे। प्रीति भी हंस पड़ी।

कुछ देर खोमोश खड़ी रीना ने लोवर की जेब से मेडल निकालते हुए कहा, 'राष्ट्र निर्माण में अभूतपूर्व योगदान देने वाली कंपनी स्टील अथॉरिटी ऑफ इंडिया लिमिटेड यानी 'सेल' की खेल एकेडमी में ही जाती हूं मैम... और मैंने नेशनल एथलेटिक्स चैंपियनशिप के ज्वैलिन थ्रो में गोल्ड मेडल जीता है...!'

स्वाति का सिर झुक गया, एक के बाद एक सहपाठियों ने खड़े होकर तालियां बजानी शुरू कर दीं। प्रीति ने रीना को गले लगा लिया। रीना की आँखें नम थीं...ये खुशी के आँसू थे... !

Chandrapur Ferro Alloy Plant awarded

SAIL Chandrapur Ferro Alloy Plant (CFP) has been awarded the “Shri Narayan Meghaji Lokhande Industrial Safety and Health Award-2023” - First Prize Govt. of Maharashtra. This award is bestowed every year to the factories doing excellent work in the field of industrial safety, health and

welfare in the state of Maharashtra. CFP was selected for a final presentation at Mumbai and the presentation was based on safety, health and welfare. CFP received the award in a ceremony organized at Mumbai along with World of Safety Summit and Expo on 27 April, 2023.



Annual Award Function & 74th meeting of JCSSI organised in Ranchi

Joint Committee on Safety, Health and Environment in the Steel Industry (JCSSI) organized the ‘Annual Award Function’ on 22 March, 2023 at Ispat Bhawan, SAIL in Ranchi which saw participation of management & trade union representatives from 23 member organizations of public and private sector steel companies. Representatives from award winning organizations from different steel plants across the country and senior

officials and employees at SAIL attended the award function. A total of 124 awards (60 for 2021 & 64 for 2022) under different categories were distributed amongst winning member organisations. The 74th meeting of the committee was also held at MTI, Ranchi subsequently on 23 March, 2023 wherein important issues on safety, health and environment were deliberated.



RSP conferred with Grow Care Award

SAIL Rourkela Steel Plant (RSP) was conferred with the prestigious 'Gold Awards' for Grow Care India CSR Education Award 2022 and Grow Care Environment Excellence Award 2022 in a glittering function held at New Delhi on 3 April, 2023. Shri Faggan Singh Kulaste, Hon'ble Minister of State, Steel and Rural Development, Govt of India was the chief guest while Shri Kamal

Kishor, Member Secretary (In-charge), National Disaster Management Authority and Advisor to Prime Minister, Govt of India was also present on the occasion. The award was bestowed upon RSP for its continual improvement in the field of environment management and sustainable development.



Wife of RSP executive debuts in Ollywood as a playback singer

Basavdutta Mohanty, wife of Shri Sasanka Pattanaik, Assistant Manager (Public Relations) at SAIL Rourkela Steel Plant (RSP) has brought laurels to the steel city with her debut in the Odia film industry as a playback singer. Her voice can be heard in the film 'Preeti Bandhan,' in which the renowned Odia Music Director, Abhijit Mazumdar has composed the music.

Basavadutta started learning music at the age of 5 from her mother, Smt. Shanti Mohanty, a distinguished writer, composer and vocalist. She continued her swara sadhna under the tutelage of Pandit Devendra Narayan Satpathy, a renowned Hindustani classical vocalist of Gwalior Charana. It is noteworthy that Basavadutta was the winner of the 1st edition of 'Amari Geeta Amari Swara', a mega talent hunt competition organized by Doordarshan, Bhubaneswar.

RSP bags the prestigious GreenTech Global Workplace Safety Award 2023



SAIL Rourkela Steel Plant (RSP) has bagged the prestigious 'GreenTech Global Workplace Safety Award 2023'. The coveted award was presented by the GreenTech Foundation in recognition of exemplary safety management systems at RSP to ensure safety of man and machine.

Innovative in-house modification of slab yard tong enhances equipment availability in hot strip mill 2 at RSP

An innovative in-house modification of slab yard tong in hot strip mill – 2 (HSM-2) of SAIL Rourkela Steel Plant (RSP) has significantly improved equipment availability and resulted in substantial cost savings for the company. The Slab-yard of HSM-2 houses three cranes, each with a capacity of 150 tonnes. All the 3 cranes were experiencing frequent breakdowns due to damage in tong motor brake shoe and brake liners. In order to address the recurring issue, a team of HSM-two employees conducted extensive deliberations and decided to replace the controller and other spares with a contactor and timer logic circuit for the tong operation. The team comprising Shri RR Mohanty, AGM, HSM-2 (Electrical) & Shri Tribikram Seth, Senior Manager, HSM-2 Electrical successfully executed the modification of the slab yard tong's motors boosting the overall performance of the unit. The in-house modification has resulted in a cost savings of approximately Rs. 25 lakhs.



ISP begins Skill India program for contract workforce



SAIL IISCO Steel Plant has begun implementation of 'Recognition of Prior Learning' (RPL) training for the first batch of 25 contract workers of fitter trade on 16 June, 2023 under a memorandum of understanding (MoU) with Indian Iron & Steel Sector Skill Council (IISSC) titled "Sashakt". The initiative is aimed at empowering and strengthening contract workforce residing in peripheral areas of the plant. IISCO Steel Plant is the first plant to sign an MoU with IISSC, for two years for the implementation of RPL scheme under Skilling India. It will cater to 5 QPs namely fitter, rigger, electrician, refractory bricks layer & conveyor maintenance and operations. The training programme involves 12 hours of classroom training on safety aspect, housekeeping, domain skill, roles/responsibilities, development of soft skills etc.



ISP launches two new projects to improve nutrition of children

Shri Brijendra Pratap Singh, Director in-charge (Burnpur and Durgapur Steel Plant) launched two new CSR projects targeted to improve nutrition of under-privileged school children in a program held in the premises of Burnpur Boys' High School. While one project to 'Improve nutrition & health through Giftmilk program' will be taken up by NFN (NDDDB Foundation for Nutrition) at Anand, Gujarat, another project to 'Provide cooked nutritious meal

through community kitchen' will be taken up by DWT (Divine Welfare Trust) at Asansol.

To begin with, 'Gift Milk' will be made available to around 1900 students of six schools by NFN for 150 days and mid-day meals will be made available to around 1600 students of up to class VIII for 240 days under DWT.



SSP supports Old Age Home under its CSR



As part of SAIL Salem Steel Plant 's Corporate Social Responsibility (CSR) initiatives, wheel chairs, walkers and bed linen were handed over to "Annai Theresa Illam", an old age home on 5 June, 2023

Certificate distribution ceremony at SSP



A certificate distribution ceremony for "Multi-skilled garment technician training for women" took place under CSR Training completion on 26 May, 2023. Implementation partner was represented by Dr. SRR Senthil Kumar, Principal, Sona College of Technology and his team.

Inter school song and dance competition held at RSP mines

The Barsua Iron Mines (BIM) of SAIL Rourkela Steel Plant (RSP) recently organized a mega inter school cultural fiesta at the Tensa Ispat High School playground. The grand cultural event involving school children was organized with the aim of promoting culture and celebrating 'Azadi Ka Amrit Mahotsav' to mark 75 glorious years of Indian independence.



DSP commemorates World Blood Donor Day 2023



World Blood Donor Day 2023, themed “Give blood, give plasma, share life, share often”, was marked at Durgapur Steel Plant (DSP) on June 14, 2023. In recognition of this day and to address ongoing blood shortages, DSP Hospital Blood Centre hosted a voluntary Blood Donation Camp.

DSP promotes sports and cultural activities at MSV's

The concluding ceremony of sports & cultural activities at Model Steel Villages, under the CSR Scheme of DSP, was successfully held on 27 June, 2023 in collaboration with the NGO, Swami Vivekananda Vani Prachar Samiti. The

first event comprised sports activities, involving students from eight educational centres located at model steel villages. Subsequently, cultural programs were also organized in a phased manner.



RSP provides free surgical treatment underprivileged persons as part of Project Charaka

Free treatment for Hydrocele and Hernia was provided to 4 patients from peripheral villages and industrial slums of SAIL Rourkela Steel Plant (RSP) at Ispat General Hospital under Project 'Charaka', a health care initiative of CSR department. All the patients have now recovered and have been discharged. RSP has taken care of the entire expense of the patient's treatment including admission fees and food expenses for the patients and their attendants.



Rourkela Steel Plant presents merit based cash award to students



SAIL Rourkela Steel Plant (RSP) under its Corporate Social Responsibility (CSR) initiative presented merit based cash awards to 757 meritorious students of classes 7 and 10 from 95 UP schools and 36 high schools of the peripheral villages of Nuagaon, Bisra, Kuarmunda and Lathikata revenue blocks, model steel villages, resettlement colonies/camps. These students have been selected on the basis of their results in respective examinations for the academic year 2018-2019. The first, second and third position holders, among boys and girls of each school were given Rs 3000/- , Rs 2000/- and Rs 1000/- respectively. Totally Rs 15,22,000/- was disbursed.

32 youth from RSP sponsored under livelihood project

SAIL Rourkela Steel Plant sponsored 32 youngsters in a special pilot project under which NSIC extended its training facility. The total cost incurred for this vocational training is approximately Rs. 5 lakh. This project under National Small Industries Corporation Limited (NSIC) was established and made operational by 2020-21 with SAIL

Rourkela Steel Plant's support for the promotion of skills of the local tribal youth and for facilitating the growth of small enterprises. The unit is equipped with a wide range of training units like bakery, welding, wood working, electrician, computer hardware and networking etc.



Start up supported by RSP converts LD slag into organic manure

SAIL Rourkela Steel Plant (RSP) touched another milestone with its novel 'Waste to Wealth' initiative in collaboration with National Institute of Technology, Rourkela.

In line with Government of India's start up India initiative, RSP supported a start-up 'Biotex Agrinovation Pvt. Ltd.' The start-up has successfully utilised LD slag, an industrial waste produced in the steel industry to develop organic manure for paddy, vegetables, flowers & fruiting trees and indoor plants.



Eco-conscious products made by Fulkerya

SAIL Rourkela Steel Plant (RSP) under its CSR initiative has been supporting Fulkerya, an Odisha-based lifestyle brand, creating eco-conscious products in categories across fashion, home décor and accessories.

RSP has provided financial support to 8 such start-ups as part of its CSR initiative so as to strengthen the initiatives like Skill India, Start-up India and Vocal for Local by the govt. of India. Using locally available materials like wood scrapings and bamboos, the team has developed more than 70 designs of earrings, ear-studs and key chains and is working on designs for the future to keep up with the market demands. It has also been making jewellery boxes, tea-coasters, trays, wooden diaries, pen stands, wooden world-map, dining set, sofa set, centre tables, wooden planters etc.



Each of the team members are trained in every step of the production process, right from collection of wood and bamboo, to designing and processing through series of manual and high end machines and equipments.

30 underprivileged students sponsored by RSP get employment through skill development training at CIPET

The second batch comprising of 30 students were sent to Central Institute of Plastic Engineering and Technology (CIPET), Bhubaneswar for pursuing certificate course in 'Machine Operator Plastic Processing (MO-PP)'. After completion of their training on 6 June, 2023 the students have been placed through campus recruitment in

companies from Tamilnadu, Maharashtra, Gujarat, Punjab, Haryana etc. RSP bore the total expenditure of the trainees pertaining to admission and course fees, books, hostel and food charges etc. Till date 70 students from peripheral areas have benefited from this scheme.



School bags and study materials distributed to students of Deepika Ispat Sikshya Sadan

In a function organized at Deepika Ispat Sikshya Sadan at SAIL Rourkela Steel Plant (RSP) on 24 June, 2023, school bags including study material like books, note books, pencils, erasers were presented to students of Class I. The bags and stationery were distributed by Deepika Mahila Sanghati (DMS), a leading philanthropic organization of Rourkela. It may be mentioned that at present 855 students are enrolled in Deepika Ispat Sikshya Sadan studying in classes 1 to 10. Every year the students get an entire set of study material, accessories and uniforms including shoes and school bags for free. Nutritious mid-day meals are also being provided to them through the Akshaya Patra project of RSP.



RSP supports organic manure and pesticides production



SAIL Rourkela Steel Plant (RSP) under its CSR initiative has been supporting organic manure and pesticides production through Prakriti Gau Anusandhan Kendra Private Ltd, a start up of National Institute of Technology, Rourkela. The objective of the start-up was to go green with utilization of organic products like cow dung (gobar) and cow urine (gomutra) in farming and agriculture as an alternative of chemical fertilizers and pesticides. The start up has the capacity to produce 10 tonnes of organic manure per month.

RSP supports research and start-up project of NIT on AI driven drone technology for use in agriculture

Drobotics Dynamics Private Ltd – a start-up based on AI driven drone technology for agricultural use incubated under an initiative of National Institute of Technology (NIT), Rourkela, is being supported by SAIL Rourkela Steel Plant (RSP) under its CSR programme. The drone prototype being developed is meant to minimize risks in agricultural sector, provide security and assistance to the farmers and make the drone technology affordable to the farmers. The drone with a capability of rising up to 5 feet above the ground level is conceptualized to survey agricultural fields of various types to produce images and precise locations of land patches with any anomaly. The AI driven drone technology has great potential to revolutionize agricultural sector proving to be a boon for the farmers in future.



CFP distributes computers to Priyadarshini Kanya Vidyalaya



Priyadarshini Kanya Vidyalaya is a Government aided school for girls in Bagad Khidki area of Chandrapur. The school provides free education to about 300 students from poor sections of the society.

CFP distributes computers at part of CSR

On April 19, 2023, Chandrapur Ferroy Alloy Plant (CFP) delivered computers to Saraswati Shikshan Mahila Mandal, an NGO working for the upliftment of women and children.



Free health check-up & medicine distribution camp for children and women at CFP

A free health check-up & medicine distribution camp for children and women was organized on 11 May, 2023 in collaboration with Sarawati Shikshan Mahila Mandal at Stree Aadhar Kendra, Krishna Nagar, Chandrapur. Renowned doctors of Chandrapur from various fields like Physiology, Surgery, Paediatrics, ENT, Homeopathy, Ganaecology, Ophthalmology, Dematology, Orthopaedics carried out the health examination of 235 beneficiaries.



SAIL supported Indian contingent of Special Olympics Bharat's athletes win 202 medals in Special Olympics World Summer Games



The Special Olympics Bharat's athletes, supported by SAIL, won a record number of 202 medals in the Special Olympics World Summer Games held in Berlin, Germany from 17 – 25 June, 2023. The 202 medals consisted of 76 Gold, 75 Silver and 51 Bronze medals.

SAIL has always demonstrated its commitment to provide assistance and support to the needs of divyangjans including persons with intellectual disabilities. As part of this commitment, SAIL collaborated with 'Special Olympics Bharat', a National Sports Federation recognized by the Ministry of Youth Affairs & Sports and accredited by Special Olympics Inc. USA, by providing material assistance to the entire Indian contingent of athletes, coaches and officials for their training, equipment, wearables, accessories and other administrative requirements to ensure the Indian team's participation and performance. Further, in September 2022, a national coaching camp-cum-selection trial for badminton, cycling, football, and futsal games in preparation for the event was also organized at SAIL Bokaro Steel Plant. A contingent of more than 200 members including athletes and coaches were sent off in a grand ceremony wherein Shri Amarendu Prakash, Chairman, SAIL was also present.



SAIL under its Corporate Social Responsibility (CSR) initiatives, supported the entire Indian contingent of Special Olympics Bharat's athletes, who were sent off at a ceremony organized at New Delhi's Jawahar Lal Nehru stadium on 8 June, 2023.

While expressing SAIL's profound delight in partnering with Special Olympics Bharat, Shri Amarendu Prakash, Chairman, SAIL, extended best wishes to India's special athletes in their endeavour to participate and bring glory to the nation.

Trials for SAIL Hockey Academy held



The selection trials for SAIL Hockey Academy for the session 2023-24 were held at the newly revamped state-of-the-art Biju Patnaik Hockey Stadium in Rourkela from 27-30 June, 2023. 7 new cadets were selected. The total strength of the academy now stands at 32.

SAIL Football Academy trials held at Bokaro

The final induction trials for SAIL football academy, Bokaro for the season 2023-24 was conducted at Bokaro steel city from 20-21 May, 2023.



Salem Volleyball Team wins SPSB Inter Steel Plant Volleyball Tournament

Hearty congratulations to SSP Volleyball Team for winning the first ever SPSB Inter Steel Plants Volleyball Tournament held at TATA Steel Plant, Jamshedpur. In the finals held on 31 March, 2023, Salem Steel Plant beat TATA team in straight sets (25-23, 25-17, 25-21) and emerged as winners.



बोकारो में खेल प्रशिक्षण शिविर का आयोजन

बोकारो स्टील प्लांट के क्रीड़ा एवं नागरिक सुविधाएं विभाग ने 17 मई से 3 जून, 2023 तक बोकारो के एमकेएम स्टेडियम में ग्रीष्मकालीन क्रीड़ा प्रशिक्षण शिविर- 2023 का आयोजन किया। इस शिविर में 604 बच्चों ने 12 अलग-अलग खेलों में नेशनल, इंटरनेशनल एवं एनआईएस प्रशिक्षकों के द्वारा प्रशिक्षण प्राप्त

किया. इन खेलों में एथलेटिक्स, बैडमिंटन, बास्केटबाल, क्रिकेट, फुटबाल, हैंडबाल, हॉकी, कबड्डी, खोखो, वालीबाल, शतरंज एवं तीरंदाजी शामिल थे। इस शिविर में प्रतिभाग करने वाले बच्चों को प्रमाणपत्र प्रदान किए गए।



New fitness point inaugurated at Tensa Barsua Iron Mines

A new fitness point was inaugurated at social centre of Tensa Barsua Iron Ore Mines under SAIL Rourkela Steel Plant. The fitness point is equipped with up to date fitness gears like treadmill, stationary bicycle, weightlifting and multi gym equipment. The equipment will help the

employees, their dependents and all local residents to stay fit. The centre has a badminton court, table tennis hall, carom board and chess centre and a reading room. It also has a huge community hall for organizing cultural functions.



Archery given impetus under sporting activities of Barsua mines

An archery competition was organized by SAIL Barsua Iron Ore Mines, Rourkela Steel Plant (RSP) to encourage local talent. Around 65 local people enthusiastically participated in this competition wherein prizes were also handed over to the winners. The competition was organised in two age groups. One was below 15 years and the other group was for persons above 15 years of age.



Summer coaching camp of RSP concludes with spectacular demonstration by budding sporting talents

The 35th summer coaching camp 2023 was organised at SAIL Rourkela Steel Plant (RSP) during the month of May. Around 1200 students from Rourkela as well as nearby places were trained by expert coaches in various disciplines of sports namely athletics, badminton, basketball, boxing, chess, cricket, cycling, football, hockey, kabaddi, table tennis, volleyball, weight lifting & power lifting and yoga. The summer coaching camp that started in the year 1986 has grown in both size and stature and has produced numerous sports persons of national and international repute.

35 budding sports talents from peripheral blocks of RSP trained at KIIT Bhubaneswar

35 budding sports talents from SAIL Rourkela Steel Plant's impact zone constituting the peripheral blocks of Bisra, Kuarmunda, Lathikata and Nuagaon were identified and trained in football and volleyball at KIIT University under 'Project Arjun'. This project is a new CSR sports initiative.

During the training programme held at Dutee Chand stadium of KIIT University from 17 April to 15 May, 2023, youngsters were trained in various nuances and tactics of football and volleyball.



Ward of RSP employee wins under 17 girls doubles in the Yonex sunrise Sub Junior National Badminton Championship

Vishakha Toppo, daughter of Smt. Jayashree Toppo and Shri Charo Toppo, MOMT (Oxygen Plant) of SAIL Rourkela Steel Plant (RSP) has brought laurels to the city by winning the girl's doubles, under - 17 "Yonex Sunrise All India Sub-Junior Ranking Badminton Tournament 2023" held at BBD UP Badminton Academy, Lucknow from 20 to 27 June, 2023. Vishakha, a student of Class X of Ispat English Medium School, Sector 20 is pursuing her passion for badminton since the 2019.



District Level Open Chess Tournament at CFP



A district level open chess tournament was organized on 7 May, 2023 in collaboration with Chandrapur District Chess & Rapid Chess Association at Bharatratna Dr. Babasaheb Ambedkar Sneh Manch at Chandrapur Ferroy Alloy Plant (CFP). The tournament was attended by 261 participants including boys, girls, men and women. Cash prizes, mementos, medals & certificates were distributed to the winners in various categories.

Winners of SAIL Crossword #2

Shri Vineet Johri

Designation/ Department: DGM (BF)
Plant/ Unit: Bhilai Steel Plant

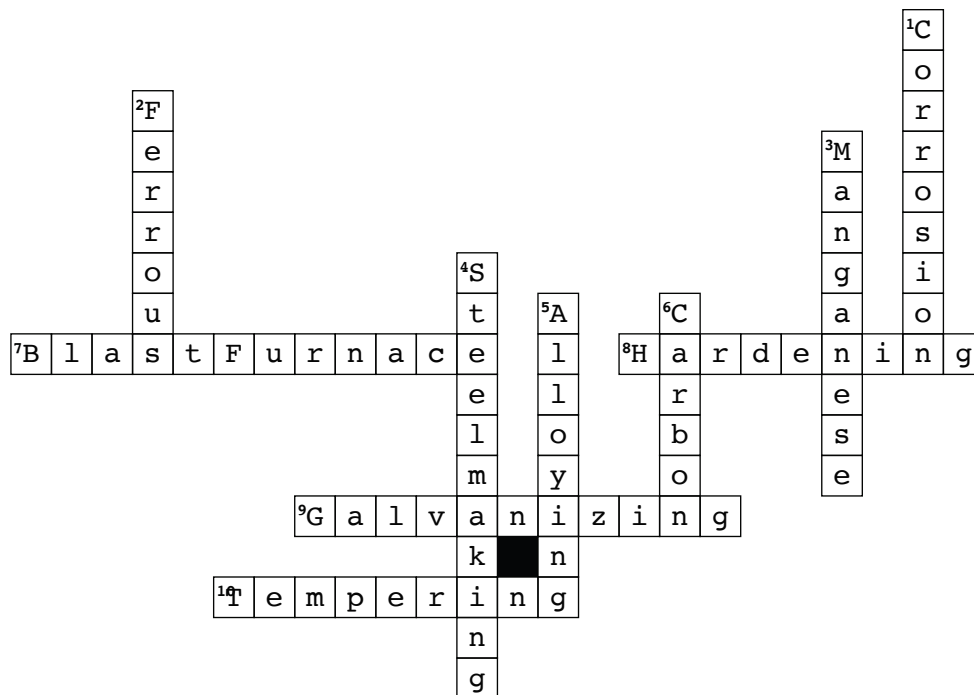
Shri Vikash Kumar Sharma

Designation/ Department: Sr. Manager (CO & CC-EM)
Plant/ Unit: IISCO Steel Plant

Shri SS Dharma Kowshik

Designation/Department: Manager, RDCIS, Burnpur Centre
Plant/ Unit: IISCO Steel Plant

SAIL Crossword #2 Answer Key



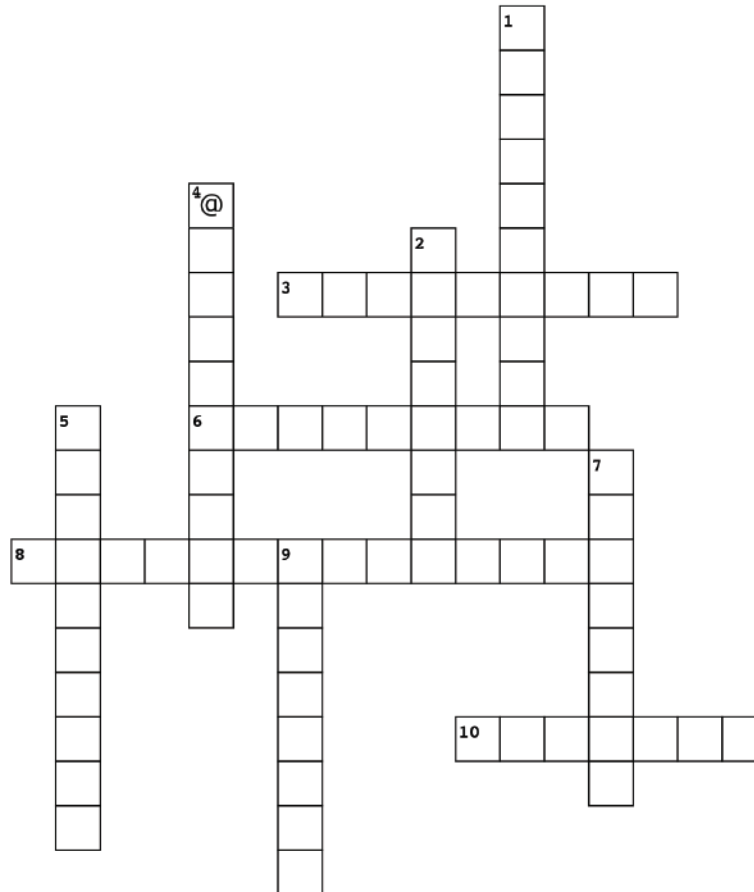
Across

- A tall cylindrical furnace used for smelting iron from iron ore. Welding - Process of joining two or more pieces of metal together.
- The process of increasing the hardness of steel through heat treatment.
- Process of coating steel or iron with zinc to prevent rusting.
- Heat treatment process that reduces the brittleness of steel and increases its toughness.

Down

- The gradual deterioration of metal caused by chemical reactions with its environment.
- Relating to or containing iron.
- A chemical element used in steelmaking to improve strength and toughness.
- The process of producing steel from iron ore.
- The process of adding other metallic or non-metallic elements to steel to improve its properties.
- A chemical element that is a key component in most types of steel, affecting its strength and hardness.

SAIL Crossword #3



Across

- 3.** Ancient city in modern-day Turkey that was a major steel production center in the Middle Ages
- 6.** Northern English city, named after the River Sheaf, that led the Industrial Revolution with its famous steel making industry
- 8.** American industrialist known as the "Steel King" who led the enormous expansion of the American steel industry in the late 19th century
- 10.** The age that followed the Bronze Age, noted for the widespread use of iron and steel

Down

- 1.** Also known as crucible steel, it's an ancient form of steel originating from South India
- 2.** What is generally produced in Cupola
- 4.** Name of SAIL's twitter handle
- 5.** Historical monument in New Delhi known for its rust-resistant composition of metals
- 7.** Process of applying heat to an ore, to extract a base metal from its ore
- 9.** An element alloyed with iron to make stainless steel

Instructions:

Kindly send the filled up crossword either in JPG or PDF format to the following

email ID: sail.news@sail.in

Please provide your details as per the following in the body of the email:

Name:

Full Address:

Email ID:

Cell Number:

In case of SAIL Employee please also include -

Designation/ Department:

Plant/Unit:

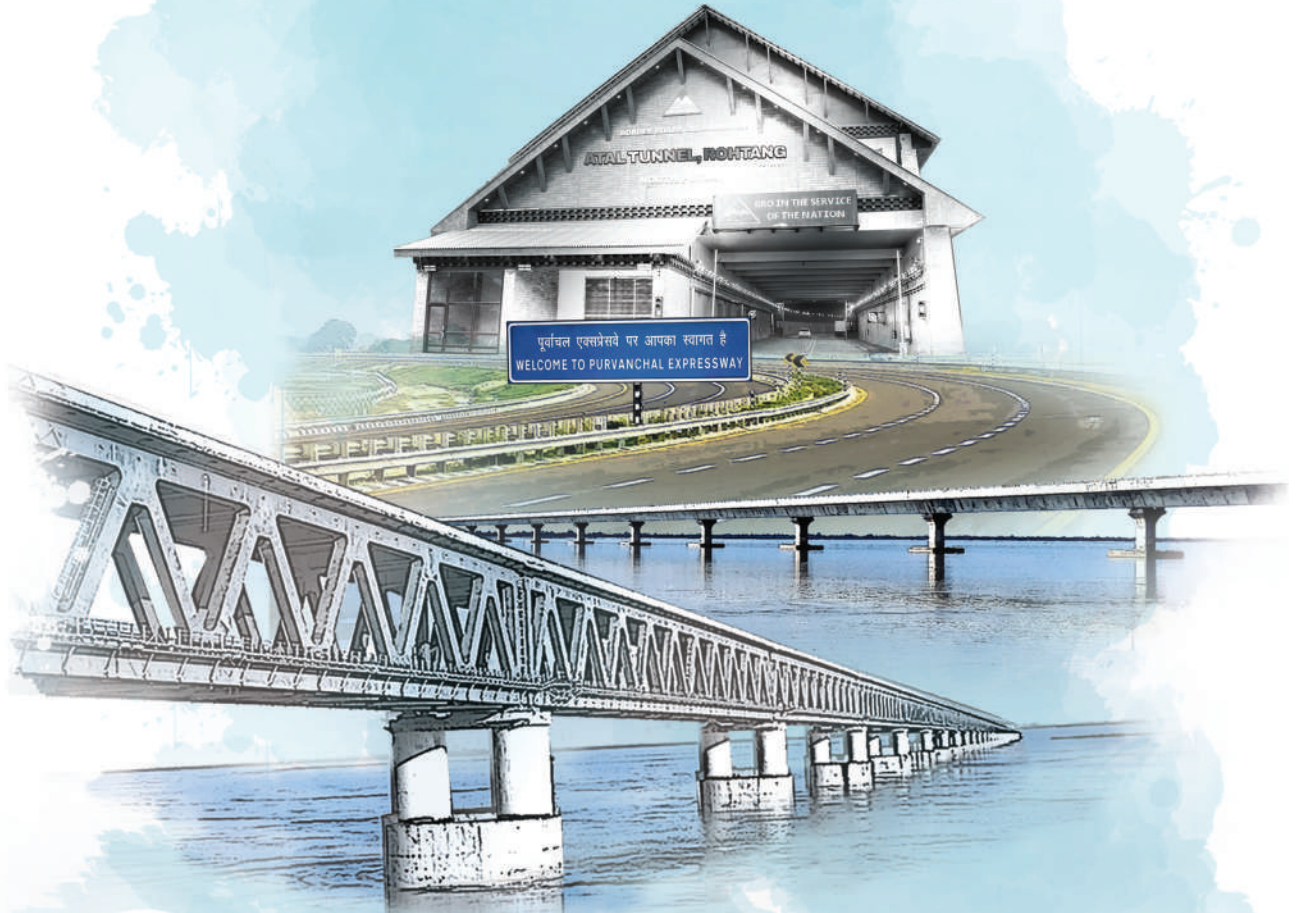
SAIL Personnel Number:

Attractive prizes for the first 3 correct entries

The answer key to this crossword and name of the winners will be published in the next issue of SAIL News.

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