

# SAIL

## सेलन्यूज़ NEWS

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Shri Jyotiraditya M. Scindia, Hon'ble Minister of Steel And Shri Faggan Singh Kulaste, Hon'ble Minister of State in the Ministry of Steel, Visited SAIL Corporate Office During Swachhta (Cleanliness) Drive





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## Republic Day 2023 Celebrations across SAIL











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The first three correct entries will win exciting prizes

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# We know what is to be done Let's do it, NOW!

*My Dear Colleagues,*

In the previous financial year, we had several record-breaking performances. These include having a turnover in excess of Rupees one lakh crore, achieving the highest-ever profit and best-ever production and sales etc. These inspiring performances, against the backdrop of the pandemic, made us realise that we have the potential and we can do it. This outcome is a testimony to our teamwork, collective decision making and pro-active problem solving by each member of the SAIL family. I always believe that if we want different results, we will have to do things differently. Since we have done it in the past, we can do it again and again. Team SAIL needs to chart out ways to be the most respected steel maker in the country by doing it consistently with incremental improvement each day. Our intent must be backed by belief and timely action.

## Our priorities in the coming days, inter-alia, shall be:



### Creating a culture of safety at the workplace

- » Safety is a non-negotiable pre-condition at the workplace. Everyone in the workplace needs to have utmost respect for safety and ensure 100% adherence to all safety guidelines. We must have extensive conversation with all stakeholders and make enablers available to take care of individual safety, safety of our machines/ facilities and safety of our work environment.



### Blast Furnace productivity

- » Blast Furnace productivity has major bearing on cost of steel making. Sustainable mining assumes importance as raw material quality and quantity are important influencing parameters for BF productivity and consequently, the cost of finished steel. Our efforts on ore beneficiation, prepared burden, increase in CDI, oxygen availability will influence the TE parameters positively and can help us become a cost leader. Operationalisation of our domestic coal assets will help us in reducing the dependence on imports leading to better financials.



### Sustainability

- » We have already prepared our Carbon Footprint Reduction Roadmap till 2030-31. This road map provides a holistic view of interventions required for meeting our aspirational goal of keeping the CO2 emission to below 2 t/tcs. Further, these interventions will help in significant improvement in efficiency and TE parameters.



### Digitization

- » To keep pace with various facets of smart manufacturing and technology, thrust must be given to scale up the adoption of digitisation across the organization by employing Industry 4.0/Artificial Intelligence/IoT.



### Expansion

- » We have embarked upon our expansion plans - green field and brown field. Our timely completion of projects and the financing strategy will greatly impact the benefits of the expansion projects. Strengthening project execution and monitoring capabilities will be very important for its effective implementation.



### Road to market

- » Customers must be central to our business plan. We must identify and develop tailored products and service offerings for each segment where we want to have enhanced presence. Digitisation for 'Ease of Business' will be absolutely necessary to keep pace with the changing service requirements of the market participants.



### Logistics and Infrastructure

- » With economy growing and our own production being planned to increase by about 50% in the next decade, our logistics infrastructure support will require a proactive evaluation. Now is the time to bring in innovative solutions in the supply chain and augment infrastructure to ensure smooth operations at optimum cost.



### Human Resource

- » People being the most precious resource, calibration of the same with expected outcomes will help our operations. Manpower study at all plants and units are expected to help us in identifying the manpower requirements, skill gaps, outsourcing requirements for the future. We must harness the potential of each employee and build capabilities for the future requirement. We must also promote inclusivity by encouraging enhanced participation of women, persons with disabilities, special genders and marginalised people at the workplace.

I have always emphasized on becoming more productive, more efficient, more cost effective, more innovative and more hardworking. We must push ourselves to do that extra bit, to walk that extra mile.

We know what has to be done. Our Performance of the past needs to be challenged consistently to create benchmarks for tomorrow.

Let's do it, NOW.

1<sup>st</sup> January, 2023

*Soma Mondal*  
(Soma Mondal)  
Chairman





# हम जानते हैं कि हमें क्या करना है आइये अब, सब मिलकर जुट जाएं!

मेरे प्रिय सहयोगियों,

बीते साल, हमने कई रिकॉर्ड तोड़ प्रदर्शन किए हैं। इनमें 1 लाख करोड़ रुपये से अधिक का कारोबार करना, अब तक का सबसे अधिक लाभ एवं अब तक का सबसे अधिक उत्पादन और विक्रय हासिल करना शामिल हैं। महामारी के संकट से जूझते हुए हासिल किए गए हमारे इस प्रेरणादायी प्रदर्शन ने हमें अहसास कराया है कि हममें क्षमता है और हम कर सकते हैं। यह प्रदर्शन हमारे टीम वर्क, सामूहिक निर्णय लेने की क्षमता और सेल परिवार के प्रत्येक सदस्य के सक्रिय रूप से समस्या समाधान करने की क्षमता के कारण हासिल हुआ है। मेरा हमेशा से मानना रहा है कि अगर हम कुछ अलग हटकर नतीजे चाहते हैं तो हमें चीजों को अलग तरीके से करना होगा। चूंकि हमने इसे अतीत में किया है, इसलिए हम इसे बार-बार दोहरा सकते हैं। सेल को देश का सबसे सम्मानित इस्पात उत्पादक बनाने के लिए, हमें लगातार हर दिन थोड़ा-थोड़ा उन्नति करने के लिए एक रूपरेखा बनाने की ज़रूरत है। हमारे इरादे की मजबूती, हमारे विश्वास और सही समय पर लिए गए निर्णय की ताकत से संचालित होनी चाहिए।

आने वाले दिनों में अन्य बातों के साथ-साथ हमारी प्राथमिकताएं होंगी:



## कार्यस्थल पर सुरक्षित कार्यशैली बनाना

» कार्यस्थल पर सुरक्षा एक ऐसी अनिवार्यता है, जिससे किसी भी तरह का समझौता नहीं किया जा सकता है। हम सभी को कार्यस्थल पर सबसे अधिक सुरक्षा का सम्मान करना चाहिए और सुरक्षा के दिशानिर्देशों का 100% कड़ाई से पालन करना चाहिए। हमें अपने सभी स्टेकहोल्डर्स के साथ व्यापक बातचीत करनी चाहिए और व्यक्तिगत सुरक्षा, मशीनों/सुविधाओं की सुरक्षा और काम के माहौल में सुरक्षा का दायित्व निभाने वाले सुनिश्चित करने चाहिए।



## ब्लास्ट फर्नस उत्पादकता

» ब्लास्ट फर्नस उत्पादकता इस्पात उत्पादन लागत का एक बड़ा हिस्सा वहन करती है। सरस्टेनेबल माइनिंग, बेहद महत्वपूर्ण है क्योंकि कच्चे माल की गुणवत्ता और मात्रा ब्लास्ट फर्नस उत्पादकता, और इसके साथ ही स्टील की लागत के लिए भी महत्वपूर्ण प्रभावशाली मानक है। ओर बेनीफिकेशन, प्रीपेयर्ड बर्देन, कोल डस्ट इंजेक्शन (सीडीआई) में बढ़ोतरी, ऑक्सीजन की उपलब्धता बढ़ाने की हमारी कोशिश तकनीकी आर्थिक मानकों को सकारात्मक रूप से प्रभावित करेगी और हमें कॉस्ट लीडर बनने में मदद करेगी। हमारी घरेलू कोयला खदानों के संचालन से आयात पर हमारी निर्भरता कम करने में मदद मिलेगी, जो हमें बेहतर वित्तीय स्थिति की ओर अग्रसर करेगी।



## सस्टेनेबिलिटी

» हमने 2030-31 तक का अपना कार्बन फुटप्रिंट न्यूनीकरण रोडमैप पहले ही तैयार कर लिया है। यह रोड मैप CO<sub>2</sub> उत्सर्जन को 2t/tcs स्तर से नीचे रखने के हमारे आकांक्षी लक्ष्य को पूरा करने के लिए ज़रूरी कदम उठाने की दिशा में एक समय दृष्टिकोण प्रदान करता है। इसके अलावा, ये ज़रूरी कदम दक्षता और तकनीकी – आर्थिक मानकों में महत्वपूर्ण सुधार की दिशा में मददगार साबित होंगे।



## डिजिटलीकरण

» स्मार्ट निर्माण और प्रौद्योगिकी के विभिन्न पहलुओं के साथ तालमेल रखने के लिए उद्योग 4.0 / आर्टिफिशियल इंटेलिजेंस / आईओटी को लागू करके पूरे संगठन में डिजिटलीकरण को अपनाने पर जोर दिया जाना चाहिए।



## विस्तारीकरण

» हमने अपनी विस्तार योजनाओं – ग्रीन फील्ड और ब्राउन फील्ड पर काम शुरू कर दिया है। हमारी परियोजनाओं को समय पर पूरा करना और वित्तीय रणनीति, विस्तार परियोजनाओं के लाभों को बहुत अधिक बढ़ाने का काम करेगी। इसके प्रभावी कार्यान्वयन के लिए परियोजना के निष्पादन और निगरानी क्षमताओं को मजबूत करना बहुत महत्वपूर्ण होगा।



## बाजार उन्मुखता पर जोर

» ग्राहक हमारी व्यवसाय योजना का केंद्र हैं। जिन क्षेत्रों में हम अपनी पहुंच बढ़ाना चाहते हैं, हमें उन क्षेत्रों में अपने उत्पाद और सेवाओं का विकास करना चाहिए। बाजार सहयोगियों की बदलती सेवा ज़रूरतों के साथ तालमेल बिठाने के लिए 'ईज ऑफ बिजनेस' के लिए डिजिटलीकरण नितांत ज़रूरी है।



## लॉजिस्टिक्स और बुनियादी ढांचा

» अगले दशक में, अर्थव्यवस्था के और विकास एवं हमारे अपने उत्पादन में 50% की वृद्धि के कारण हमारे लॉजिस्टिक्स एवं बुनियादी ढांचे को एक सक्रिय मूल्यांकन की ज़रूरत होगी। अब अनुकूलतम लागत पर सुचारु संचालन सुनिश्चित करने के लिए सप्लाई चेन में इनोवेटिव समाधान लाने और बुनियादी ढांचे में बढ़ोतरी करने का समय है।



## मानव संसाधन

» कार्मिक सबसे मूल्यवान संसाधन होने के नाते, किसी भी अपेक्षित लक्ष्य को हासिल करने के लिए उनका अनुकूलतम इस्तेमाल हमारे प्रचालन में मददगार होगा। हमारे सभी संयंत्रों और इकाइयों में मानव संसाधन के आकलन से हमें भविष्य के मानव संसाधन की ज़रूरतों, स्किल-गैप, आउटसोर्सिंग की ज़रूरतों को जानने में मदद मिलेगी। हमें हर कार्मिक की क्षमता का उपयोग करना चाहिए और भविष्य की ज़रूरतों के लिए क्षमताओं का निर्माण करना चाहिए। हमें कार्यस्थल पर महिलाओं, दिव्यांगजन, स्पेशल जेंडर और पिछड़े तबके के लोगों की भागीदारी को प्रोत्साहित करके समावेशिता को भी बढ़ावा देना चाहिए।

मैंने हमेशा आप सबको और अधिक उत्पादक, अधिक कुशल, अधिक लागत प्रभावी, अधिक इनोवेटिव और अधिक मेहनती बनने के लिए प्रोत्साहित किया है। हमें अतिरिक्त प्रयास करना होगा और खुद से एक कदम आगे बढ़ना होगा ताकि हम अपने लक्ष्य के थोड़ा और करीब पहुँच सकें।

हम जानते हैं कि हमें क्या करना है। हमें ज़रूरत है कि हम बीते समय की उपलब्धियों से बेहतर करते हुए कल के लिए बेंचमार्क बनाएं।

आइये अब, सब मिलकर जुट जाएं!

सोमा मंडल

(सोमा मंडल)  
अध्यक्ष





## SAIL Chairman Participates In FICCI's 95<sup>th</sup> Annual Convention

Smt. Soma Mondal, Chairman, SAIL took part in a panel discussion on 'Women in Leadership' during the 95<sup>th</sup> Annual Convention of the Federation of Indian Chambers of Commerce and Industry (FICCI) in New Delhi. The convention provided a platform for thought leaders and professionals from various sectors to discuss and deliberate on crucial issues and trends affecting India's economic growth and development. Smt. Mondal's participation in the Women in Leadership session highlights the importance of promoting gender diversity and inclusivity in leadership positions across industries and sectors in India. The other panelists were Smt. Kalpana Morparia, Smt. Naina Lal Kidwai, Smt. Prabha Narasimha and Shri Sanjiv Mehta. The session was coordinated by Shereen Bhan of CNBC-TV18.



## C&IT Department Introduces AI-Enabled Chatbot For Medical Referral Letters

SAIL's C&IT department has launched an innovative new tool to streamline the process of generating medical referral letters for hospitals. The tool is available both on the intranet portal and a mobile application and includes an AI-enabled chatbot called the Smart Intelligent Assistant (SIA).

With the help of natural language processing (NLP) technology, the chatbot can understand the user's requests and generate accurate referral letters in real-time. This automated process reduces the time and effort required for manual letter

generation, thereby improving the overall efficiency of the referral system. The introduction of SIA highlights

SAIL's commitment to embracing cutting-edge technologies and enhancing the user experience. The chatbot not only saves time and effort but also ensures accuracy and consistency in the referral letter generation process. This new system will make it easier for SAIL employees to access medical services and get the necessary support they need in a timely manner, whether



they are using the intranet portal or the mobile app.



## SAIL Organizes RTI Awareness Program At Corporate Office

SAIL organized an RTI awareness program through a hybrid mode at its Corporate Office in New Delhi. The event aimed to educate SAIL employees about the practical aspects of the Right to Information (RTI) Act, 2005.

The program featured a keynote address from Smt. Vanaja N Sarna, Information Commissioner, who shared her insights and knowledge of the RTI Act. Her presentation helped to clarify some of the doubts and questions employees had about the implementation of the Act.

The RTI Act, which was enacted in 2005, is a powerful tool that enables Indian citizens to access information held by public authorities. The act is intended to ensure transparency, accountability, and the reduction of corruption in government bodies. As a public sector organization, SAIL is committed to upholding the principles of the RTI Act and ensuring that all employees understand their rights and responsibilities under the legislation.



The RTI awareness program organized by SAIL demonstrates the company's commitment to transparency and accountability in its operations. By providing employees with a deeper understanding of the RTI Act, SAIL aims to promote a culture of openness and transparency in all aspects of its work. The hybrid mode of the program ensured that employees from all locations could participate and benefit from the event, making it a valuable learning experience for all.



## SAIL Participates In India International Trade Fair-2022

SAIL actively participated in the India International Trade Fair (IITF) 2022 held at Pragati Maidan in New Delhi. The event aimed to showcase various products and services of Indian industries and promote their export potential. SAIL had set up a stall offering Salem Stainless Steel utensils at discounted prices. SAIL Stall was inaugurated by Shri Faggan Singh Kulaste on the opening day.

During the event, Smt. Soma Mondal, Chairman, SAIL visited the company's stall to encourage the team and show her support for the initiative. The stall attracted a huge footfall and visitors showed great interest in the products offered by SAIL.

SAIL's participation in IITF 2022 provided an excellent platform for the company to showcase its products, highlight its brand and explore new opportunities. It also enabled the company to connect with potential customers and business partners, paving the way for future growth and development.

SAIL's participation in IITF-2022 was a success and the company's contribution to the event helped in showcasing the strength and quality of Indian steel products to the world.





## Management Training Institute Hosts Successful Heads Of Training Meeting To Enhance Employee Development

SAIL recognizes the critical role that training plays in enabling individuals to continuously improve their skills and knowledge. It also helps the company to increase productivity and performance while keeping employees engaged and satisfied.

SAIL has a robust training infrastructure along with facilities to provide our employees with necessary skills and knowledge to excel in their roles. The meeting provided a platform to share their experiences, insights and best practices in training and development. They discussed the latest trends and technologies in training and identified opportunities to enhance the quality and effectiveness of training programs.





## Deputy Chief Minister Of Uttar Pradesh Praises SAIL's Role In Nation Building At UP Global Investors Summit

Shri Brajesh Pathak, Deputy Chief Minister of Uttar Pradesh, visited the SAIL Pavilion at the UP Global Investors Summit 2023 and praised the company's significant contribution to nation building. He lauded SAIL's efforts and said that the company has established a strong foundation for the country's development and its name is an identity in itself.

SAIL participated in the five-day summit, which was held from February 10-14, 2023. The company showcased its wide range of products and technological capabilities to the visitors, highlighting its potential to contribute to the growth of the state and the country. The SAIL Pavilion received positive feedback and appreciation from the visitors, including industry experts, government officials and investors.



## बोकारो स्टील प्लांट ने डिजीटाइजेशन की दिशा में बढ़ाया एक और कदम

डिजीटाइजेशन की दिशा में अग्रसर बोकारो स्टील प्लांट ने केंद्रीय भण्डार के एम डब्ल्यू-26 डिपो में विभिन्न प्रकार के सामग्रियों की पहचान करने के लिए क्यू आर कोड प्रणाली लागू किया है। इसका उद्घाटन 4 फरवरी को बीएसएल के निदेशक प्रभारी श्री अमरेन्दु प्रकाश ने किया। इस अवसर पर सीईओ (बीपीएससीएल) श्री के के ठाकुर, अधिशासी निदेशक(संकार्य) श्री बी के तिवारी, अधिशासी निदेशक(परियोजनाएं) श्री सी आर महापात्रा, अधिशासी निदेशक(वित्त एवं लेखा) श्री एस रंगानी, अधिशासी निदेशक(सामग्री प्रबंधन) एवं अतिरिक्त प्रभार अधिशासी निदेशक (कार्मिक एवं प्रशासन) श्री अमिताभ श्रीवास्तव, अधिशासी निदेशक(माईस) श्री जे दास गुप्ता, मुख्य महाप्रबंधकगण, विभागाध्यक्ष एवं अन्य वरिष्ठ अधिकारी एवं सामग्री प्रबंधन विभाग के कर्मी उपस्थित थे।

केंद्रीय भण्डार के एम डब्ल्यू-26 डिपो में क्यू आर कोड के लांच हो जाने से संयंत्र के विभाग अपने उपयोग के लिए विभिन्न प्रकार के सामग्रियों की पहचान आसानी से कर सकेंगे जिससे इन्वेंटरी में भी कमी आयेगी। गौरतलब है कि समस्त सेल में सामग्रियों की पहचान हेतु क्यू आर कोड के इस्तेमाल की पहल सर्वप्रथम बोकारो स्टील प्लांट के सामग्री प्रबंधन प्रभाग द्वारा की गई है।

इस अवसर पर अधिकारियों एवं कर्मियों को संबोधित करते हुए श्री प्रकाश ने सामग्री प्रबंधन विभाग की इस उपलब्धि पर बधाई एवं शुभकामना दी तथा संयंत्र के सभी भंडारों में इस प्रणाली को लागू करने का सन्देश दिया।

उल्लेखनीय है कि केंद्रीय भण्डार के कर्मियों के विगत डेढ़ वर्ष के अथक प्रयास के फलस्वरूप क्यू आर कोड विकसित करने में सफलता मिली है।

कार्यक्रम के दौरान निदेशक प्रभारी श्री अमरेन्दु प्रकाश ने इन्वेंटरी के क्षेत्र में अक्टूबर-दिसंबर माह में उल्लेखनीय योगदान के लिए हेवी, मीडियम तथा लाइट कैटेगरी में इन्वेंटरी चैम्पियन का पुरस्कार क्रमशः सीसीएस, आरजीबीएस तथा इलेक्ट्रोनिक्स एवं टेलिकॉम विभाग को प्रदान कर उन्हें बधाई दी और अन्य विभागों को भी बेहतर इन्वेंटरी मैनेजमेंट के लिए उत्साहित किया।

ज्ञातव्य है कि सामग्री प्रबंधन विभाग द्वारा इन्वेंटरी के प्रति जागरूकता फैलाने के उद्देश्य से संयंत्र के विभिन्न विभागों के बीच इन्वेंटरी रेटिंग एवं इन्वेंटरी चैम्पियन प्रतियोगिता आयोजित करता है। इस पहल के फलस्वरूप चालु वित्तीय वर्ष में बीएसएल को अब तक लगभग 11 करोड़ रुपये की बचत हुई है।





## बोकारो में सड़क सुरक्षा माह का समापन

बोकारो स्टील प्लांट में मनाये गए सड़क सुरक्षा माह का समापन समारोह आयोजित बीएसएल में विगत एक माह से मनाये जा रहे सड़क सुरक्षा माह का समापन समारोह 4 फरवरी को मानव संसाधन विकास केंद्र के मुख्य प्रेक्षागृह में आयोजित किया गया. इस अवसर पर निदेशक प्रभारी श्री अमरेन्दु प्रकाश, सीईओ (बीपीएससीएल) श्री के के ठाकुर, अधिशासी निदेशक(संकाय) श्री बी के तिवारी, अधिशासी निदेशक(परियोजनाएं) श्री सी आर महापात्रा, अधिशासी निदेशक(वित्त एवं लेखा) श्री एस रंगानी, अधिशासी निदेशक(सामग्री प्रबंधन) एवं अतिरिक्त प्रभार अधिशासी निदेशक (कार्मिक एवं प्रशासन) श्री अमिताभ श्रीवास्तव, अधिशासी निदेशक(माइंस) श्री जे दास गुप्ता, मुख्य महाप्रबंधकगण, विभागाध्यक्ष एवं अन्य वरिष्ठ अधिकारी एवं कर्मी उपस्थित थे।

आरम्भ में मुख्य महाप्रबंधक (सुरक्षा एवं अग्निशमन सेवाएँ) श्री अमरेन्द्र झा ने सभी आगंतुकों का स्वागत किया. मुख्य अतिथि एवं विशिष्ट अतिथियों ने दीप प्रज्ज्वलित कर कार्यक्रम का विधिवत उद्घाटन किया. महाप्रबंधक(सुरक्षा) श्री विकास गुप्ता ने सभी को सुरक्षा प्रतिज्ञा दिलाई. कार्यक्रम में उपस्थित समूह को सम्बोधित करते हुए मुख्य अतिथि श्री अमरेन्दु प्रकाश ने संयंत्र के अन्दर एवं संयंत्र के बाहर समग्र दृष्टिकोण से सड़क सुरक्षा के सभी पहलुओं के प्रति सदैव

जागरूकता बरतने, इसे अपने जीवन शैली में आत्मसात करने तथा बीएसएल में जारी सुरक्षा अभियान में सभी की भागीदारी सुनिश्चित करने का आह्वान किया। कार्यक्रम के दौरान सुरक्षा अभियंत्रण विभाग द्वारा सड़क सुरक्षा माह के दौरान आयोजित की गई विभिन्न गतिविधियों पर एनिमेटेड फिल्म भी प्रदर्शित की गई। मुख्य अतिथि तथा विशिष्ट अतिथियों ने सड़क सुरक्षा माह के दौरान आयोजित की गई विभिन्न प्रतियोगिताओं के विजेताओं और उप विजेताओं को ट्रॉफी प्रदान कर सम्मानित किया। नुककड़ नाटक में प्रथम स्थान पर यातायात, द्वितीय स्थान पर आक्सीजन प्लांट तथा तृतीय स्थान पर एसएमएस-2 एवं सीसीएस विभाग के कर्मी रहे. निबंध प्रतियोगिता में श्री आशीष रंजन (आरसीएल) को प्रथम, श्री बिरेन्द्र कुमार(ओजी) एवं श्री ए के सिंह(ओजी) को द्वितीय तथा श्रीमती निहारिका अनुपम(सीआरएम-3) को तृतीय स्थान प्राप्त हुआ. स्लोगन प्रतियोगिता में श्री बिरेन्द्र कुमार(ओजी) प्रथम, श्री यू भेंगरा(जीयू) द्वितीय तथा श्री एम के पाण्डेय(आई एवं ए) तृतीय स्थान पर रहे. पोस्टर प्रतियोगिता में श्री पी सिंह(सीआरएम) को प्रथम, श्री एम के पाण्डेय(आई एवं ए) को द्वितीय तथा श्री यू भेंगरा(जीयू) को तृतीय स्थान प्राप्त हुआ।



## Bhilai Steel City's Annual Flower Show Draws Over 60,000 Visitors



Steel townships established by SAIL across the country are well-maintained and offer excellent facilities and a healthy living environment.

These townships are the epitome of cleanliness and greenery, with lush parks and gardens, and meticulously maintained surroundings.

One of the many events that takes place in these townships is the Annual Flower Show at Maitri Bagh in Bhilai steel city, which was held recently and drew huge crowds. Over 60,000 people visited the event throughout the day, where they enjoyed the floral decorations, vegetable, fruit and salad displays, as well as a variety of medicinal plants and rangoli art.

In the morning, Shri Anirban Dasgupta, Director in-charge (Bhilai Steel Plant) visited the Flower Show to admire the beautiful floral arrangements and explore the various stalls. With over 100 stalls showcasing a variety of exhibits, the Flower Show was a delightful experience for visitors of all ages. SAIL's commitment to maintaining these townships as clean and green spaces is truly remarkable. By providing an environment that promotes healthy living and encourages community engagement, SAIL has truly created a unique and wonderful living experience for its residents.



## Rourkela Steel Plant Hosts International Conference On Reducing Carbon Footprints In Metal Industries



As part of its commitment to disseminate knowledge, create awareness about pertinent issues, and maintain a strong industry academia interface, Steel Authority of India Limited (SAIL) undertakes several activities throughout the year. In line with present day priorities, SAIL's Rourkela Steel Plant (RSP), in collaboration with industry bodies and academic institutes, recently organized an International Conference on the theme of 'Reducing Carbon Footprints in Metal Industries'.

The conference, organized by the Indian Institute of Metals, Rourkela Chapter in association with SAIL RSP and National Institute of Technology (NIT), Rourkela, was inaugurated on 3rd February 2023 at the Gopabandhu Auditorium of RSP. The event was graced by Shri Atanu Bhowmick, Director in-charge (Rourkela Steel Plant) as the Chief Guest and Dr. Sanak Mishra, Former MD, RSP, and Former

Chairman, IIM, as the Special Guest. The dais also included Dr. Debasish Bhattacharya, Vice President, Tata Steel, Prof. K Umamaheshwar Rao, Director, NIT, Rourkela, and Mr. S R Suryawanshi, ED (Works) RSP and Chairman, Indian Institute of Metal, Rourkela Chapter.

The two-day conference was attended by a large number of industry experts, technocrats, research scholars, academicians, and delegates from India and abroad. With RSP as the initiator of the event, the conference aimed to bring together industry professionals and academic experts to share their knowledge and ideas on reducing carbon footprints in the metal industries. The conference highlighted the importance of taking collective measures to reduce the carbon footprint of metal industries, which is a crucial step towards achieving sustainable development.



## SAIL Organizes Customer Meet-2023 In Bokaro

SAIL recently organized a Customer Meet to strengthen its engagement with customers and seek feedback to improve its products and services.

The customer meet aimed to provide an opportunity for customers to interact with SAIL officials, share their feedback, and understand the various initiatives



undertaken by the company to enhance customer satisfaction. The event was well-received by the customers, who appreciated SAIL's efforts in organizing such a platform for interaction.

During the event, Shri Amarendu Prakash, Director in-charge (Bokaro Steel Plant), Shri VS Chakravarthy, Director (Commercial) along with other senior officials, shared updates on the company's performance and growth plans, highlighting the efforts made towards enhancing the quality of its products and services. The customers were also provided with a platform to share their feedback, suggestions, and concerns, which were noted and addressed by the officials. The Customer Meet 2023 was a significant step towards strengthening the bond between SAIL and its customers. The company's efforts in organizing such events demonstrate its commitment to continuous improvement and customer satisfaction. By engaging with customers and taking their feedback seriously, SAIL aims to enhance its offerings and stay competitive in the market.



## RSP and NIT Rourkela Sign MoU For Joint Research And Development Projects

As a leader in the steel and engineering industry, SAIL has always prioritized the industry academia interface and collaborations for research and development.

The MoU aims to facilitate joint research and development projects in areas such as Steelmaking, New Process Development, Safety, Improvement in Quality, Energy Conservation, Environment Control, and Digital Transformation. This collaboration is a significant step towards enhancing the quality of SAIL's products and services, as well as improving its environmental and safety standards.

The signing of the MoU took place at the Gopabandhu Auditorium of SAIL RSP, in the presence of SAIL RSP officials and NIT Rourkela representatives. The agreement highlights the commitment of both organizations towards promoting innovation, research, and development in the steel and engineering industry.

This collaboration between SAIL RSP and NIT Rourkela is expected to bring significant benefits to the steel and engineering industry, as it will leverage the expertise and resources of both organizations. The joint research

and development projects are expected to result in the development of new processes and technologies, which will improve the quality, safety, and environmental standards of SAIL's products and services.



## SAIL CET Hosts Partners In Project Progress Summit In New Delhi

Centre for Engineering and Technology (CET) hosted the Partners in Project Progress Summit in New Delhi. The summit aimed to bring together industry leaders, experts, and professionals to discuss and share their experiences and knowledge on project management practices and advancements. The Partners in Project Progress Summit provided a platform for participants to exchange ideas, network, and collaborate to drive the growth and progress of the steel and engineering industry. The event featured

a series of informative sessions, panel discussions, and interactive work shops on various topics related to project management, including project planning, execution, monitoring, and control. The summit also served as an opportunity for SAIL CET to showcase its capabilities and expertise in project management and related areas. The event highlighted the organization's commitment to driving innovation, collaboration, and excellence in the industry.





## Bokaro Steel Plant Inaugurates Newly Renovated OPD At General Hospital

SAIL continuously strives to improve the medical infrastructure of its Plants and Units by adding new facilities and renovating existing ones. In line with this, the Bokaro General Hospital's OPD has been renovated with enhanced facilities, which were inaugurated by Shri Amarendu Prakash, Director in-charge (Bokaro Steel Plant), on the occasion of Republic Day 2023. The newly renovated OPD is expected to provide better medical services and facilities to the patients.



## Statue Of Dr. BR Ambedkar Installed At Ranchi On Republic Day

On the occasion of the 74<sup>th</sup> Republic Day of India, Steel Authority of India Limited (SAIL) paid tribute to the Father of the Indian Constitution, Dr. B R Ambedkar, by installing

a magnificent brass statue of him at Ranchi. The statue was unveiled by SAIL officials and members of the SC/ST Welfare Association (SEWA) in a central location of the SAIL Satellite Colony. Dr. B R Ambedkar played a significant role in shaping India's constitution and ensuring the rights of the all communities in the country. SAIL's installation of the statue is a gesture to honor his contribution and legacy.





## CMO Launches HR Coil Product Promotion Manual

SAIL is committed to continuously improving its marketing function to enhance customer satisfaction, experience and success. In line with this commitment, SAIL recently launched the HR Coil Product Promotion Manual, aimed at promoting and improving the sales of HR Coil products.

The launch event was graced by Shri VS Chakravarthy, Director (Commercial), Shri AK Tulsiani, Director (Finance), Shri KK Singh, Director (Personnel), Shri AK Singh, Director (Technical, Projects & RM), Shri MC Agrawal, ED (Sales & International Trade Division), Shri D Kumar, ED (Marketing Services) and Shri Sanjay Agarwal, ED (Marketing).

The manual is part of SAIL's continuous efforts to improve its customer service, satisfaction, and delight. Through this initiative, SAIL aims to promote and nurture better customer relationships and sales.



## SAIL Board Of Directors Visit Rourkela Steel Plant For Inspection And Review



As part of their routine inspection and review of various units and plants under Steel Authority of India Limited (SAIL), esteemed members of the Board of Directors visited Rourkela Steel Plant.

The visit was aimed at assessing the overall performance and growth of the plant, identifying any issues or challenges faced, and ensuring that the plant is operating as per the company's standards and goals. During the visit, the Board of Directors also had an opportunity to interact with the plant management and other staff members, understand their concerns and provide necessary guidance and support.





## RSP Promotes Artistic Expression Through Terrace Garden Initiative

SAIL has always been dedicated to the artistic and cultural development of its employees. As a part of this ongoing initiative, an employee of the SMS-II department at Rourkela Steel Plant (RSP) has grown a beautiful terrace garden consisting of 120 different varieties of Chrysanthemums.

The terrace garden, which is located at the employee's residence, has been nurtured with great care and dedication. The vibrant colors and fresh blooms of the Chrysanthemum plants bring a touch of nature's beauty to the bustling steel plant. The initiative is a testament to the creative talents and dedication of the employees at RSP.

The terrace garden initiative not only enhances the aesthetic appeal but also promotes employee well-being by providing a space for relaxation and leisure. RSP continues to support and encourage such creative



initiatives by its employees to promote a healthy work-life balance and foster a sense of community among its workforce.

## IISCO Steel Plant Initiates Digital Transformation With Mobile Access To Equipment Maintenance History

ISP, SAIL is spearheading digitalization efforts in the workplace by implementing new technologies. One of these initiatives is making maintenance history of equipment available on mobile devices through a QR code.

This digital transformation has enabled IISCO Steel Plant to make maintenance history information of any equipment available right on the shop floor. All an employee needs to do is scan the QR code affixed on the equipment with their mobile device and the entire maintenance history related to that particular equipment becomes available.

This is a significant development, as it eliminates the need for employees to manually search for maintenance records in a paper-based system. With mobile access to maintenance history, employees can quickly and easily

identify any issues related to the equipment and take appropriate action to address them.

The implementation of this digital initiative is expected to improve productivity and reduce downtime, resulting in increased efficiency and cost savings for IISCO Steel Plant. It is a reflection of the company's commitment to digitalization and leveraging technology to enhance workplace performance.

In conclusion, IISCO Steel Plant's initiative to provide mobile access to equipment maintenance history through QR codes is a step towards digital transformation in the workplace. It is a progressive step that will benefit the company by improving productivity and efficiency, and is a testament to IISCO's commitment to innovation and embracing new technologies.



### संसदीय राजभाषा समिति की तीसरी उप-समिति

माननीय संसदीय राजभाषा समिति की तीसरी उप-समिति द्वारा 4 जनवरी, 2023 को सेल शाखा विक्रय कार्यालय, कोचीन, केरल का राजभाषा निरीक्षण किया गया। समिति द्वारा कार्यालयी कामकाज में राजभाषा हिंदी के प्रगामी प्रयोग में हुई प्रगति की जाँच की गई। समिति द्वारा कार्यालय में हिंदी के प्रयोग को और अधिक बढ़ाने के लिए महत्वपूर्ण सुझाव भी दिए गए।



## SAIL And Airport Authority Of India Sign Agreement For Bokaro Airport Management

SAIL and Airport Authority of India (AAI) have signed an operations, management contract & CNS ATM agreement for the management of Bokaro Airport. The contract was signed by Shri A Shrivastava, ED (P&A), Bokaro Steel Plant and Shri NV Subbarayudu, Executive Director-II (JVC/PPP) of AAI. The signing ceremony was attended by Shri KK Singh, Director (Personnel), Shri Samir Swarup, the then Executive Director (P&A) of SAIL, Shri M Suresh, Member (ANS) of AAI and Shri Sanjiv Kumar, Chairman of AAI.

The agreement will allow Bokaro to be directly connected to Kolkata and Patna under the Government of India's Udaan Scheme. Flights for regional connectivity will commence soon, providing easier access to these destinations for travellers.

The signing of this agreement is a significant milestone for SAIL and AAI. It represents a collaboration between the two organizations to improve regional connectivity and promote economic development. With the commencement of flights, Bokaro and the surrounding region will benefit from increased tourism and business opportunities.

The operation and management contract and CNS ATM agreement will ensure that the airport is operated and managed effectively and efficiently. It will also help in maintaining the highest standards of safety and security for passengers and aircraft. The implementation of the agreement is a testament to the commitment of both SAIL and AAI to provide world-class infrastructure and services to their customers.



## बीएसएल के सिंटर प्लांट में नए फीडर्स की कमिशनिंग की गई

बीएसएल के सिंटर प्लांट के स्टॉक बिन्स में 33 नए फीडर्स की कमिशनिंग अधिशासी निदेशक(संकार्य) श्री बी के तिवारी तथा अधिशासी निदेशक(परियोजनाएं) श्री सी आर महापात्रा की उपस्थिति में अधिशासी निदेशक(कार्मिक एवं प्रशासन) श्री संजय कुमार द्वारा हाल ही में की गई। इस अवसर पर मुख्य महाप्रबंधक (पावर फैसिलिटी) श्री अलक साधू, मुख्य महाप्रबंधक (सेवाएं) श्री अनिल कुमार, मुख्य महाप्रबंधक (अनुरक्षण) श्री शरद गुप्ता, मुख्य महाप्रबंधक (आरएमएचपी) श्री धनज्जय कुमार, मुख्य महाप्रबंधक(ब्लास्ट फर्नेस) श्री एम पी सिंह, मुख्य महाप्रबंधक (सीओ एवं सीसी) श्री राकेश कुमार, मुख्य महाप्रबंधक (सिंटर प्लांट) श्री बी के बेहरा, मुख्य महाप्रबंधक (परियोजनाएं) श्री कुंदन कुमार, मुख्य महाप्रबंधक (यांत्रिकी) श्री वी के सिंह सहित अन्य विभागों के वरीय अधिकारी एवं कर्मी



उपस्थित थे. इन नए फीडर्स की कमिशनिंग हो जाने से सिंटर प्लांट के उत्पादन एवं उत्पादकता में समग्र रूप से बेहतरी आयेगी, नए तकनीक से प्रोसेस कंट्रोल भी बेहतर हो सकेगा तथा अनुरक्षण कार्यों में भी सहूलियत होगी।



## Bokaro Steel Plant Promotes Knowledge Sharing Through LEO Workshop

Learning from each other is the key to success and Bokaro Steel Plant understands the importance of knowledge and information sharing. As a leader in the steel industry, BSL has always encouraged and promoted the concept of "Learning from Each Other" (LEO) on various issues.

To facilitate better information and knowledge sharing, a LEO workshop was recently organized by SAIL-Bokaro

Steel Plant on "Recognition of Prior Learning & Apprenticeship Training". This workshop aimed to create a platform for sharing experiences, ideas, and best practices related to apprentice training and recognition of prior learning.

The workshop was a great success, with many participants attending and sharing their knowledge and experience. The participants included senior officials, trainers and apprentices from various steel plants, all of whom contributed to making the workshop a great learning experience.

The focus of the workshop was on recognizing the prior learning of apprentices, and the need for a structured approach to their training. The workshop aimed to help participants understand the value of recognizing prior learning and to provide them with insights into how to create an effective apprentice training program. The goal was to enable participants to learn from each other's experiences, which could ultimately lead to a better training program and a more productive workforce.



## Revamped Weighbridge At Rourkela Steel Plant

Shri SR Suryawanshi, ED (Works) inaugurated the revamped weighbridge at New Coking Coal Yard of Rourkela Steel Plant (RSP) recently. The event was attended by senior officers, including CGMs of various departments and employees from Traffic, Civil Engineering Services and PPC department.

Previously, the NCCY weighbridge for Coke Ovens Battery-6 was not in use due to operational constraints, causing congestion in the incoming line from Bondamunda and leading to demurrage in incoming rakes. As a result, all incoming coal rakes were weighed at the Grill Gate Weighbridge, which is intended for weighing of other raw materials.

To address this issue, it was decided to revamp the weighbridge by replacing rail tracks with track switches. The E&A department procured new rails with track switches and weighing indicators, while the RCM, Civil Engineering Services, Traffic and Raw Material Department laid the new tracks and provided suitable glue jointing to check the flow of leakage currents to

prevent damage to electronic parts. The weighbridge was successfully revamped with all in-house expertise and resources from a cross-section of departments of RSP.

The revamped weighbridge not only allows for the weighing of incoming coal rakes but also enables the weighing of an average of 25 rakes of granulated slag in a month. This has resulted in substantial savings for the organization.



## बीएसएल में ऊर्जा संरक्षण सप्ताह का समापन कार्यक्रम आयोजित

बीएसएल में 14 से 20 दिसम्बर तक चले ऊर्जा संरक्षण सप्ताह का समापन कार्यक्रम अधिशासी निदेशक (संकाय) सेमीनार हाल में आयोजित किया गया. कार्यक्रम के दौरान महाप्रबंधक(ईएमडी) श्री पी के भुई, सहायक महाप्रबंधक(ईएमडी) श्रीमती ललिता बिरुली, सहायक महाप्रबंधक(ईएमडी) श्री सौरभ सिंह सहित ऊर्जा संरक्षण सप्ताह के दौरान आयोजित किये विजय कम्पिटिशन के विजेता उपस्थित थे।

आरम्भ में श्रीमती ललिता बिरुली ने सभी का स्वागत किया. इस अवसर पर विजेताओं को संबोधित करते हुए श्री पी के भुई ने ऊर्जा संरक्षण से

जुड़े विभिन्न पहलुओं पर चर्चा की. कार्यक्रम के दौरान विजय प्रतियोगिता के विजेताओं को प्रतीक उपहार देकर सम्मानित किया गया. 20 दिसम्बर को आयोजित किये गए विजय प्रतियोगिता में ऑपरेटर सह टेक ट्रेनी (सिंटर प्लांट) श्री कन्हैया जी को प्रथम, ऑपरेटर सह टेक ट्रेनी (सिंटर प्लांट) श्री गौतम कुमार साहू को द्वितीय तथा ऑपरेटर सह टेक ट्रेनी (सिंटर प्लांट) श्री नरेश कुमार को तृतीय पुरस्कार दिया गया. इसी प्रकार 17 दिसम्बर को आयोजित विजय प्रतियोगिता में प्रबंधक (सीआरएम-3) निहारिका अनुपम तथा वरीय प्रबंधक(आईसीएफएस एंड पीएस) श्री रंजीत कुमार को प्रथम, प्रबंधक(आरडीसीआईएस) श्री अभिजित दास को द्वितीय तथा प्रबंधक (कार्मिक-संकाय) श्रीमती आर शुक्ला एवं प्रबंधक (आरडीसीआईएस) श्रीमती एस टोप्पो को तृतीय स्थान प्राप्त हुआ. कार्यक्रम के अंत में धन्यवाद ज्ञापन श्री सौरभ सिंह ने किया।

## MoU Signed For Restoration Of Heritage Shiv Temple Near Bhilai Steel Plant



On 21 December, 2022 a Memorandum of Understanding (MoU) was signed in New Delhi between Steel Authority of India Limited (SAIL), National Culture Fund (NCF) and Archaeological Survey of India (ASI) under the Ministry of Culture, Government of India. The purpose of the MoU is to undertake the restoration and development of the heritage Shiv Temple located in Devbaloda village, near Bhilai Steel Plant in the Durg district of Chhattisgarh.

The Shiv Temple was constructed by the Kalachuri dynasty during the 14<sup>th</sup> century and has significant historical and cultural value. As part of its corporate social responsibility initiatives, BSP identified this heritage site for development through ASI. The project aims to not only protect and restore the temple, but also promote tourism and economic development in the region.



## सेल निगमित कार्यालय में हिन्दी पखवाड़े का समापन कार्यक्रम आयोजित

सेल निगमित कार्यालय में राजभाषा पखवाड़े का आयोजन किया गया। इस शृंखला में विभिन्न प्रतियोगिताएं आयोजित की गयीं। सेल अध्यक्ष, श्रीमती सोमा

मंडल ने काव्य पाठ, श्रुतलेखन, चित्र अभिव्यक्ति, हिन्दी सामान्य ज्ञान, प्रश्नोत्तरी प्रतियोगिताओं और आशु भाषण के विजेताओं को पुरस्कृत किया।

इस अवसर पर अपने संबोधन में, सेल अध्यक्ष ने कहा, “हिन्दी को आगे बढ़ाने में आप सबकी महत्वपूर्ण भागीदारी है। मैं आप सभी से अनुरोध करती हूँ कि पत्राचार जैसे कार्य मौलिक रूप से हिन्दी में ही अधिक से अधिक करें”।



## DSP Inaugurates New Laboratory Information Management System

SAIL continues to prioritize effective data management, record keeping and knowledge management across the organization. As part of this effort, Durgapur Steel Plant recently implemented a new Laboratory Information Management System (LIMS). The system was officially inaugurated by Shri Brijendra Pratap Singh, Director in-charge (Burnpur and Durgapur Steel Plant), in the presence of senior officials and executives from DSP. This new system represents a significant step forward in SAIL's ongoing efforts to improve its data management capabilities.



## सेल-भिलाई ने मुंबई-अहमदाबाद हाई स्पीड रेल कॉरिडोर परियोजना के लिए टीएमटी बार्स की आपूर्ति की

सेल-भिलाई इस्पात संयंत्र जो राष्ट्रीय महत्व की बड़ी परियोजनाओं में उपयोग के लिए भूकंप और संक्षारण प्रतिरोधी गुणों के साथ उच्च शक्ति वाले टीएमटी बार का उत्पादन करता है, हाल के दिनों में मुंबई-अहमदाबाद हाई स्पीड रेल (एमएचएसआर) परियोजना में उपयोग के लिए टीएमटी बार की आपूर्ति कर रहा है, जो बुलेट ट्रेन परियोजना के रूप में प्रसिद्ध है। दिसंबर 2022 में सेल-बीएसपी ने हाई स्पीड बुलेट ट्रेन परियोजना की विशिष्ट लंबाई की आवश्यकता को पूरा करने के लिए 16 मिमी व्यास में 9 मीटर लंबाई में 4000 टन टीएमटी बार्स संयंत्र के बार एवं रॉड मिल में रोल किए गए हैं, जिसमें से 3000 टन से अधिक परियोजना के लिए आपूर्ति किया गया है।

एमएचएसआर परियोजना ज्यादातर बाह्य रूप से (एलीवेटेड) संचालित होगा। एमएचएसआर परियोजना के लिए कार्य में वायडक्ट्स और पुल, मेंटेनेंस डिपो, सुरंगें, भौगोलिक संरचनाएं और स्टेशन शामिल हैं। स्टील और कंक्रीट ऐसे आयामों की किसी भी निर्माण परियोजना के लिए उपयोग की जाने वाली सबसे महत्वपूर्ण सामग्री है।

एमएचएसआर परियोजना के लिए सेल-बीएसपी द्वारा 500डी ग्रेड और

विभिन्न आयामों में 70,000 टन से अधिक भूकंप प्रतिरोधी टीएमटी बार्स की आपूर्ति की जा चुकी है। एमएचएसआर प्रोजेक्ट के लिए आपूर्ति की गई ईक्यूआर 500डी ग्रेड टीएमटी बार्स को प्लांट के आधुनिक बार एंड रॉड मिल द्वारा रोल किया गया है। उल्लेखनीय है कि यह तीसरी बार है जब बीआरएम ने परियोजना के लिए आवश्यक 9 मीटर लंबाई में इस ग्रेड के भूकंप प्रतिरोधी (ईक्यूआर) टीएमटी बार्स की आपूर्ति की है। सेल-बीएसपी के टीएमटी बार्स का उपयोग पियर्स और गर्डर्स के निर्माण में किया जा रहा है जो स्टील पुलों की भार वहन क्षमता के साथ-साथ एमएचएसआर परियोजना की विभिन्न अन्य संरचनाओं के लिए भी सहायक होंगे।

सेल-भिलाई पूरे देश में बांधों, थर्मल, हाइड्रो-इलेक्ट्रिक और परमाणु ऊर्जा परियोजनाओं, पुलों, एक्सप्रेसवे, फ्लाईओवर, सुरंगों और ऊंची इमारतों के लिए स्टील की आपूर्ति करता आ रहा है। कुछ लैंडमार्क परियोजनाएं जहां सेल-बीएसपी स्टील का उपयोग निर्माण गतिविधियों के लिए किया गया है, उनमें बांद्रा वर्ली सी लिंक ब्रिज, स्टैच्यू ऑफ यूनिटी, आगरा एक्सप्रेस-वे शामिल हैं, जिन पर लड़ाकू विमान भी उतारे जा चुके हैं और इसमें उत्तर और उत्तर-पूर्व भारत में कई पुल और सुरंगें भी शामिल हैं।

एमएचएसआर पर हाई स्पीड ट्रेनें 508 किमी और 12 स्टेशनों की दूरी तय करते हुए 320 किमी प्रति घंटा की गति से चलेंगी। परियोजना की कम से कम 475 किमी लंबाई वायडक्ट (नदी/सड़क/रेल) होगी जबकि लगभग 26 किमी आठ सुरंगों में होगी। अन्य भौगोलिक संरचनाएं लगभग 7 किमी लंबी होंगी। परियोजना में 12 स्टेशन और तीन डिपो होंगे। महाराष्ट्र में परियोजना की कुल लंबाई 156 किमी और गुजरात में 348 किमी है।

## SAIL's Marketing Function Strengthened With Inauguration Of Automated System

SAIL's marketing function is continuously being strengthened to ensure better customer service, satisfaction and support. As part of these efforts, Shri MC Agrawal, ED (Sales & International Trade Division), Shri D Kumar, ED (Marketing Services) and other senior officials inaugurated an Automated Entry/Exit and Unmanned Weighbridge System at the Panki warehouse in Kanpur on December 12, 2022. The new system is expected to streamline the weighing process and improve efficiency, ultimately enhancing the overall customer experience.



## As A Part Of SAIL Swarna Jayanti Celebration, Past And Present Dig



Dignitaries (From L to R): Shri AK Singh, Shri TS Suresh, Shri PK Bajaj, Shri UK Mittal, Shri SK Shri Arvind Pande, Shri PK Misra, Shri Binod Kumar, Shri NN Sinha, Smt. Sinha, Shri V Gujral, Shri Binoy Kumar, Shri Saraswati Prasad, Smt. Prasad, Shri VS Chakravarthy, Shri Vineet Pandey,



## nitaries Joined For A Get-Together At New Delhi On 23 January, 2023



Happenings

Roongta, Shri VS Jain, Shri Shoeb Ahmed, Shri Raman, Shri VK Gulhati, Smt. Soma Mondal, Shri YP Sharma, Smt. YP Sharma, Shri Atul Chaturvedi, Shri AK Tulsiani, Shri G Vishwakarma, Shri HN Rai, Shri BB Singh, Shri KK Singh



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## पुनर्निर्मित कोक ओवन बैटरी संख्या-8 का उद्घाटन



सेल- बोकारो स्टील प्लांट के कोक ओवन बैटरी संख्या-8 के पुनर्निर्माण का कार्य पूरा हो गया है। पुनर्निर्माण के उपरांत पहली कोल चार्जिंग 7 दिसम्बर को तथा प्रथम कोक पुशिंग 8 दिसम्बर को की गई। पुनर्निर्मित बैटरी संख्या-8 का उद्घाटन बीएसएल के निदेशक प्रभारी श्री अमरेन्दु प्रकाश ने किया। इस अवसर पर अधिशासी निदेशक (संकाय) श्री बी के तिवारी एवं अधिशासी निदेशक (परियोजना) श्री सी आर महापात्रा उपस्थित थे।

28 साल की लगातार सेवा के बाद बैटरी संख्या-8 का पुनर्निर्माण किया गया है। नवनिर्मित बैटरी संख्या-8 स्तर 2 स्वचालित एवं प्रदूषण मुक्त बैटरी है। कोक ओवन बैटरी संख्या-8 के परिचालन में आने से संयंत्र के उत्पादन और उत्पादकता में वृद्धि होगी।

बैटरी संख्या-8 के पुनर्निर्माण का कार्य मुख्य महाप्रबंधक श्री राकेश कुमार (सीओ एंड सीसी) एवं मुख्य महाप्रबंधक (परियोजना) श्री कुंदन कुमार एवं उनकी टीम के नेतृत्व में परियोजना प्रभाग द्वारा पूरा किया गया। निर्माण कार्य को पूरा करने और बैटरी को परिचालन में लाने में सीओ एंड सीसी विभाग की ओर से श्री पी एस कुमार, श्री एस दत्ता रॉय, श्री अंजनी कुमार, श्री एस अंसारी, श्री वी एस नारायण और परियोजना प्रभाग से श्री असगर रज़ा, श्री चंद्रशेखर आज़ाद, श्री विजय चंद्र सिंह, श्री दीपक कुमार सहित प्लांट के अन्य इंजीनियरों का विशेष योगदान रहा। इस परियोजना के मुख्य संवेदक के तौर पर मेकॉन लिमिटेड, बीईसी एवं सिम्पलेक्स कास्टिंग हैं जबकि तकनीकी सलाहकार के रूप में सेल की इकाई सीईटी की अहम भूमिका रही।

ज्ञातव्य है कि कोक ओवन बैटरी में कोक का उत्पादन करने के लिए हवा की अनुपस्थिति में कोयले को उच्च तापमान में हीट किया जाता है। यहाँ उत्पादित कोक का उपयोग ब्लास्ट फर्नेस में लौह अयस्क से हॉट मेटल बनाने के लिए किया जाता है। इस प्रक्रिया में कोक ओवन से निकलने वाली कच्ची गैस को विभिन्न रसायनों और उर्वरक बनाने के लिए संसाधित किया जाता है और स्वच्छ गैस का उपयोग संयंत्र के लिए ईंधन के रूप में किया जाता है।



## BSP participates In Vendor Development Program And Industrial Exhibition



Bhilai Steel Plant participated in a CPSE level Vendor Development Program cum Industrial Exhibition organized by Chhattisgarh Swami Vivekanand Technical University in collaboration with the Ministry of MSME, Government of Chhattisgarh.

The Materials Management Department of Bhilai Steel Plant showcased their products at the exhibition and also participated in the technical session.

The event saw participation from major industries such as Chhattisgarh Government Industries Department, NTPC, NMDC, Coal India, Indian Railways, SIDBI, NSIC, and BSNL. The exhibitors displayed security related and essential materials and equipment.

More than 100 vendors and representatives from various institutions showed keen interest in the exhibition and enquired about various materials. The program provided a valuable platform for micro and small scale industries to showcase their products and services and to explore business opportunities with larger organizations.

Overall, the Vendor Development Program cum Industrial Exhibition proved to be a successful initiative, providing a platform for businesses to connect and explore opportunities for collaboration and growth.



## SAIL Becomes The First Maharatna PSU To Adopt Anti-Bribery Management System



SAIL has become the first Maharatna PSU to implement an Anti-Bribery Management System (ABMS) in accordance with ISO 37001:2016. This significant achievement reflects SAIL's commitment towards promoting ethical business practices.

ISO 37001:2016 is an international standard that provides guidelines and requirements for establishing, implementing, maintaining, and improving an effective ABMS. It aims to help organizations to demonstrate a culture of ethical values and principles.

SAIL's adoption of ABMS reinforces the company's strong values and principles of transparency, accountability, and integrity. This step aligns with SAIL's mission to conduct its business in an ethical and socially responsible manner,



while creating value for all its stakeholders. Shri PK Srivastava, Vigilance Commissioner was the Chief Guest at the program. Chairman SAIL and CVO SAIL were also present on the occasion.

## SSP Launches Exclusive Eco-Friendly Outlet In Chennai

Salem Steel Plant, known for its top-grade stainless steel products, has taken a significant step in promoting eco-friendly measures by launching its exclusive outlet in Chennai. The 'Salem Stainless Shoppe' will provide customers with a range of 100% recyclable stainless steel kitchenware and tableware collections, which is expected to help reduce carbon footprint by replacing plastic items.

Stainless steel utensils made of rust-free 304 SS grade, especially kitchen utensils, are highly popular among the public for their aesthetic appearance, hygiene, durability, sustainability, and ease of maintenance. By launching this outlet, Salem Steel Plant aims to reach out to households and facilitate easy access to high-quality stainless steel products.

The outlet was inaugurated by Shri VK Pandey, Executive Director, Salem Steel Plant. The initiative is the second company-owned retail outlet of the Salem Steel brand of kitchenware and tableware, following the launch at Salem last year.



With the launch of the 'Salem Stainless Shoppe,' Salem Steel Plant aims to promote eco-friendliness and provide high-quality, sustainable, and durable kitchenware and tableware to customers. This initiative is expected to increase the popularity of stainless steel products and promote a more sustainable way of life.



## IISCO Steel Plant Hosts Customer Meet

IISCO Steel Plant, Burnpur recently hosted a Customer Meet with attendees from across the country including key officials from CMO, ISP, DSP and ASP. Esteemed customers were addressed by Smt. Soma Mondal, Chairman, SAIL, Shri VS Chakravathy Director (Commercial) and Shri BP Singh, Director in-charge (Burnpur and Durgapur Steel Plant). The event served as an opportunity for the plant to connect with its customers and strengthen relationships.



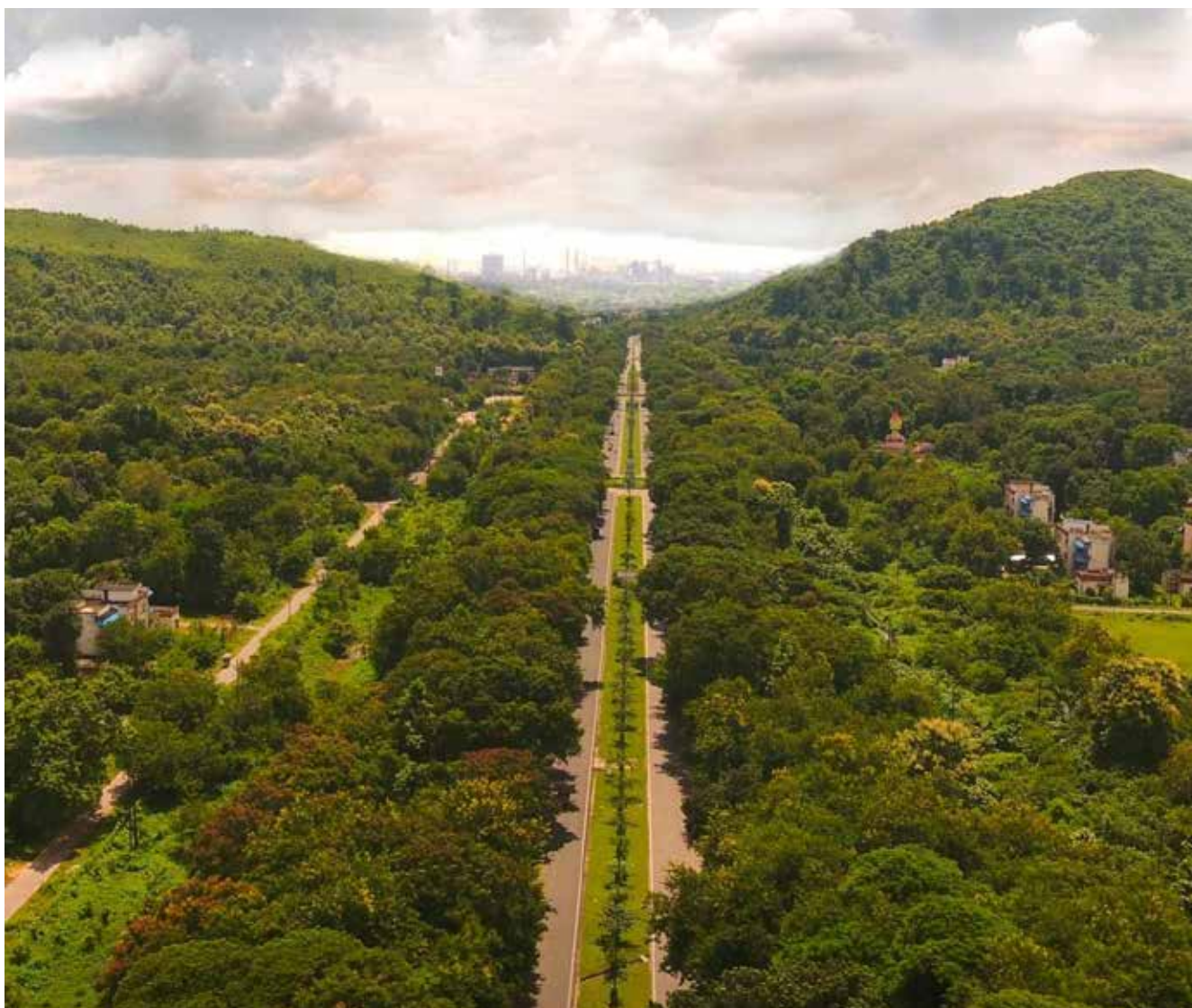
## Customer Meet Held To Strengthen Valuable Relationships

Shri VS Chakravathy, Director (Commercial), Shri Atanu Bhowmick, Director in-charge (Rourkela Steel Plant) including other senior personnel from SAIL met with their esteemed Key Account Customers from the Northern Region in New Delhi. This interaction is an essential

part of SAIL's marketing strategy to ensure customer satisfaction and strengthen their valuable relationships with customers. SAIL recognizes the importance of their customers as the backbone of their business, and their satisfaction is a top priority.







## RSP Successfully Restores Purnapani Limestone And Dolomite Quarry Into A Tropical Forest Ecosystem

The ecological restoration of the Purnapani Limestone and Dolomite Quarry, situated near Birmitrapur town in the Sundargarh district, has been successfully completed by Rourkela Steel Plant (RSP) after 19 years of disuse. The area has been transformed into a tropical forest ecosystem, thanks to an eco-restoration plan for areas degraded by Over Burden Dumps (OBDs), mining benches, and voids.

In 2005, SAIL signed an agreement with the Department of Biotechnology (DBT) and the Centre for Environment Management of Degraded Eco-system (CEMDE) to implement a project to enhance the bio-diversity and replenish the ecosystem of the quarry. The project was implemented by a multi-disciplinary team comprising academicians and research students of the University of Delhi.

Around 200 acres comprising OBD, mine cut benches, and slopes have been developed into a three-story

tropical forest ecosystem. The restoration process involved the establishment of vast swathes of grassland using 15 species of grasses and planting three lakh trees of 70 native forest species. The native forest community trees include bamboo, wood, and fruit-bearing trees that support a community of plants that host sericulture (Tussar silkworm). SAIL sources said the newly restored forest has become home to various types of native birds, including the Indian Parrot, Common Myna, Bulbul and Kingfisher.

The restoration process has removed the possibility of mobilization of heavy metals and soil erosion, and the vegetation of OBD has helped in preventing soil erosion. Moreover, a 30-meter deep mine reservoir spread over 200 hectares has been transformed into a productive water body. The successful ecological restoration of the Purnapani Limestone and Dolomite Quarry is a testament to SAIL's commitment to environmental sustainability and preservation of biodiversity.

## A Steely Pride



Major Shourya Thakur looked at the sleeping hamlet, drowned in deep slumber. It was wee hours into the night-long past midnight. He had been entrusted with a mission.

The village looked so innocent, yet it housed some heinous trap, all laid out to sabotage the grand opening of the only bridge, connected with rest of country. The village Akura is an insignificant dot in the layout of the country, but for Major Shourya a string of sentiments was attached to this place. As he watched the babbling river Lidder, he remembered the tales told by his grandfather. Lidder, the river that runs across Akura, is cited in Vedic. The Martand Temple is situated in the centre of Akura.

Major Shourya was born in a humble family of Mr Balwant Thakur hailing from Akura in Kashmir. Although his lineage was attached with Akura, but he was brought up in the steel township of Bokaro. His father joined as a young technician in SAIL and had given the best 36 years of his life into steel making and his younger brother Vedant Thakur had also followed his father's footsteps and was serving in SAIL as a young engineer. His brother was entrusted with the work of supplying most of 28,660 MT steel from SAIL to the Chenab rail bridge project. Shourya was proud of his brother's efforts for religiously working towards the construction of the Chenab Bridge

Major Shourya suddenly felt a chill run down his spine. He must be careful, as the intelligent inputs had not been very encouraging.

At the age of 24, Major Shourya had a heart of steel, yet he patted gently at the dry flowers from Martand Temple which had been a heirloom from generations. The dry flowers safe in a small pouch was attached with his uniform with a steel safety pin, both of which he carried with equal pride. The pride of his heirloom secured with steel safety pin and his uniform were both an integral part of his being. A radiance of confidence was resplendent on his young face. His daze was broken by his comrades, all ready for the mission. They were just eight in number, but the enemy and their numbers were unknown. Clasp the national flag and tugging gently at the bag of dry flowers Major Shourya marched ahead fearless.

What ensued was deafening gunfire from both the sides. It pierced the silence of the night slaughtering humanity. The gunfire continued till there was silence on either side. The mission was accomplished. Major Shourya looked around him but could not contact his comrades. He cried out their names. A strange mocking echo resounded. It was an uncanny silence. He tried to get up but he was drenched in his own blood. He smirked as he heard the emotional voice of Ms Jenny reciting Michael Mack's Small pain in my chest. The quivering voice resounded in the grey mountains. A crying voice of Ms. Jenny reflected the pain of the young soldier- "Not much," said he, "I count myself more lucky than the rest They are all gone while I have a small pain in my chest." As Major Shourya battled his own delirium, he knew that his country's flag had to be hoisted high. He felt for the flag and when he could finally find it, he found it ripped apart! He could not have let that happen! He started getting hysterical. Major Shourya pressed his hand on the wound and then like divine intervention, his fingers rested on the pouch of the dry flowers. His heart was beating fast as he felt the steel safety pin. The small make of steel kindled his hope and with blood-stained fingers, he stitched the flag with the safety pin. He did not let his country down!

On the other side not very far away from where Major Shourya was stationed, Vedant Thakur a young engineer of SAIL was watching with pride, as the inauguration of World's highest Chenab Railway Bridge was getting inaugurated and for the first time since independence, Srinagar will be linked to the rest of India. Vedant Thakur saluted with pride at the endeavor of the 50 years old giant steel making body-SAIL, for envisaging the vision of a self-reliant INDIA. At the very moment Major Shourya had accomplished his dream too! Major Shourya's face and his brother Vedant's face basked in the glory of the first ray of light, of a promising dawn. Major Shourya breathed his last watching the Indian flag standing stoically, fluttering high, stitched safely by a bit of STEEL-SAIL STEEL.

**'With every stride, SAIL marches with pride.'**

**Sumona Rathaur**  
Wife Of Shri Sunil Rathaur,  
Durgapur Steel Plant



## पिछले पाँच दशकों में सेल का राष्ट्र निर्माण में योगदान



मानव समस्त प्राणियों में उत्कृष्ट बुद्धि का प्राणी माना जाता है। एक समय था जब मानव समुदाय सिर्फ वानस्पतिक उत्पादों से अपना उदरपूर्ति करता था। बाद में पत्थर एवं लकड़ी के बने औजारों से जंगल के जीवों का शिकार कर अपने पेट पालने लगे। ये औजार शिकार करने के लिए बहुत घातक नहीं होते थे। फिर आया धातु युग, तांबे एवं लोहे के बने औजार से मानव द्वारा निर्मित

धातु के हाथियारों से जानवरों के शिकार करने में उन्हें आसानी हुई। अब एक अहम सवाल था कि इतनी अधिक मात्रा में लोहा का उत्पादन कैसे किया जाये जिससे आवश्यक मात्रा में औजार बनाया जा सके एवं अन्य निर्माण क्षेत्रों में इसकी पूर्ति विभिन्न रूपों में किया जा सके?

धीरे-धीरे छोटे रूप में कारखानों से लौह निर्माण का कार्य आरंभ हुआ और इसकी मांग में लगातार बढ़ोतरी होती गई। भारत के विभिन्न शहरों में कई इस्पात संयंत्रों की स्थापना हुई जो रूस जर्मनी आदि देशों के सहयोग से स्थापित हुए। 24 जनवरी 1973 से सेल (स्टील अथॉरिटी ऑफ इंडिया लिमिटेड) अस्तित्व में आया जो इस्पात संयंत्रों का एकीकृत समूह था। सेल अपनी बहुमुखी इस्पात उत्पादक क्षमता के बल पर भारत के सभी क्षेत्रों में अपना योगदान देता चला आ रहा है। इसीलिए इस एकीकृत कम्पनी की सूक्ति है “हर किसी की जिन्दगी से जुड़ा हुआ है सेल”। सेल की स्थापना से भारत देश इस्पात एवं सम्बंधित अन्य उत्पाद के क्षेत्र में आत्मनिर्भर होता गया। आज सेल से बने प्लेटों से भारत के रक्षा क्षेत्र के उत्पादों, रेल पटरियों के निर्माण, चंद्रयान-2, युद्धपोतों, पनडुब्बियों एवं जहाजों के निर्माण के अलावा बड़े-बड़े पुलों के निर्माण में सेल के उत्पादों का उपयोग हुआ है और आज भी इन क्षेत्रों में हो रहा है।

भारतीय आयुध निर्माण में सेल की विभिन्न इकाइयों के योगदान महत्वपूर्ण है। एलाय स्टील्स प्लांट दुर्गापुर, बोकारो स्टील प्लांट बोकारो, विश्वेश्वरैया आयरन एंड स्टील प्लांट भद्रावती, राउरकेला स्टील प्लांट राउरकेला के सहयोग से कुछ मुख्य एवं संवेदनशील उत्पाद तैयार किये जा रहे हैं जिनसे भारत की रक्षा हेतु आधुनिकतम हथियारों का निर्माण हो रहा है। सेल द्वारा निर्मित टारगेट स्टील का उपयोग गोला-बारूद की मारक क्षमता मापने के मानक के रूप में उपयोग किया जाता है। ये प्लेटें राउरकेला इस्पात संयंत्र से आयुध निर्मात्री कारखानों (डिफेंस) को भेजी जा रही हैं। सेल कवच स्टील सुरक्षा जवानों की सुरक्षा के लिए सुरक्षा जैकेट, पेट्रोलिंग गाड़ियाँ एवं सुरक्षा

पोस्ट के निर्माण में उपयोग होता है इसके अलावा एस एल, आर 7.62, ए के 47 एवं 9 मिलीमीटर कार्बाइन गन के बुलेट को 10 मीटर दूरी पर पूर्णतः निरस्त करने सक्षम है। स्पेड स्टील जिसका उत्पादन राउरकेला इस्पात संयंत्र में 1969 से हो रहा है का उपयोग युद्ध टैंक के बाहरी ढांचे बनाने में किया जाता है। टैंक के संवेदनशील भागों में 60 से 80 मिलीमीटर प्लेट का उपयोग होता है। जैकाल स्टील का उपयोग सहायक युद्ध टैंक बनाने में होता है। सेल सागर स्टील से भारतीय नौसेना के युद्धपोत एवं पनडुब्बियाँ बनाई जाती है। इसी प्रकार कॉर्टेज केस स्टील का उपयोग विभिन्न आयुधों के निर्माण में किया जाता है। सेल द्वारा रेल मितों से निर्मित 260 मीटर लम्बी रेल पटरियाँ की कुल लंबाई इतनी हो गई है कि इस पृथ्वी को इससे नौ बार लपेटा जा सकता है। दुनिया का सबसे ऊँचा पुल जम्मू कश्मीर के रियासी में चिनाब नदी के ऊपर बन रहा है उसके निर्माण में भी सेल द्वारा निर्मित प्लेटों का उपयोग हो रहा है। सेल के उप उत्पादन अमोनियम सल्फेट से खेतों को उर्वरक की भी प्राप्ति हो रही है।

सेल न केवल भौतिक निर्माण में योगदान दे रहा है बल्कि सामाजिक उत्थान एवं जीवन मूल्यों के परिष्करण एवं पर्यावरण संरक्षण-संबर्धन में उल्लेखनीय योगदान दे रहा है। सेल शहर से दूर की गाँवों को गोद लेकर उन गाँवों में स्कूल भवन, मंगल भवन एवं गांव तक पहुँच मार्ग के अलावा बच्चों के खेलकूद के लिए आवश्यक सुविधाओं का भी पूरा ध्यान रख रहा है। सेल द्वारा संचालित सर्व सुविधायुक्त स्कुलों, समय-समय पर आयोजित प्रशिक्षण, जागरूकता कार्यक्रमों के माध्यम लोगों के जीवन-मूल्यों में भी उत्कृष्टता लाना सेल अपना नैतिक कर्तव्य समझता है। सेल प्रतिभावान छात्रों को विभिन्न छात्रवृत्तियाँ भी प्रदान करती है जिससे छात्र प्रेरित होते हैं।

सेल का पर्यावरण-प्रेम जग जाहिर है। सेल न केवल अपने संयंत्रों के आसपास वरन दूर ग्रामीण क्षेत्रों में भी हरे-भरे पेड़ पौधों के अलावा छायादार, फलदार एवं औषधीय पौधों का भी कई बड़े भूभागों में रोपण कर प्राणदायिनी वायु को परिष्कृत एवं स्वस्थ स्वास्थ्य हेतु अधिक शुद्धतम मानक पर लाने का कार्य कर रहा है। इस्पात उत्पादन के क्षेत्र में कई कीर्तिमान गढ़ने के लिए अकेले भिलाई इस्पात संयंत्र को ग्यारह बार प्रधानमंत्री पुरस्कार प्राप्त हुए हैं। सेल की ही तरह यदि देश की सभी औद्योगिक संस्थाएं देशहित में इसी तरह से कदम उठाएँ तो हमारा देश न जाने किस शिखर तक पहुँच जायेगा?

दानी प्रसाद शर्मा,  
भिलाई स्टील प्लांट



## RSP And ISP Win National Energy Conservation Awards-2022

SAIL has yet another reason to celebrate as Rourkela Steel Plant and IISCO Steel Plant have won top honors at the National Energy Conservation Awards 2022. The awards were presented by Smt. Droupadi Murmu, Hon'ble President of India, at a ceremony in New Delhi on Energy Conservation Day.

RSP won the first prize, while ISP won the second prize, both in the Integrated Steel Plant category. The awards recognize the outstanding achievements of both plants in energy conservation and efficiency. These plants have implemented a range of measures to reduce their energy consumption and carbon footprint, including the use of innovative technologies and the adoption of best practices in energy management. These efforts have helped to make RSP and ISP among the most energy-efficient steel producers in the country.

Receiving the awards, the teams at RSP and ISP expressed their gratitude to SAIL's management for their support and encouragement in implementing energy-saving initiatives. The teams also noted that these awards were a testament to their hard work and dedication to achieving sustainable growth and development.

SAIL has always been committed to energy conservation and sustainability. The achievements of RSP and ISP are significant milestones in this journey, demonstrating the company's dedication to reducing its environmental impact while maintaining high levels of productivity and profitability. SAIL will continue to invest in innovative

technologies and energy-saving initiatives to ensure that its operations are sustainable and environmentally responsible.



## Durgapur Steel Plant's Efficient Water Management Earns Recognition With Sustain Awards 2022

SAIL has long recognized the importance of responsible water management in their industrial operations. At DSP, this commitment to water conservation and sustainability has been particularly noteworthy. Recently, the plant was awarded the Sustain Awards 2022 in Industrial Water Management by the Indo-German Chamber of Commerce.

This recognition is a testament to the efforts and initiatives undertaken by SAIL Durgapur Steel Plant to conserve and manage water resources. The plant has implemented a range of measures to reduce water consumption and improve water efficiency, including the use of advanced technologies for water treatment and recycling.

Overall, the recognition of Durgapur Steel Plant's efforts with the Sustain Awards 2022 in Industrial Water Management is a testament to the importance of responsible and sustainable water management in industrial operations. Through their commitment to conservation and efficiency, the plant is setting an example for other industries to follow and contributes to a more sustainable future.





## Shruti Menon From BSP Receives 'Wings of Steel' Award

Smt. Shruti Menon, Manager (Bar & Rod Mill) at SAIL Bhilai Steel Plant, has been honored with the prestigious 'Wings of Steel' award under the 'Gender and Diversity' category by the Indian Steel Association (ISA). The award was presented to her by Shri Jyotiraditya M. Scindia, Hon'ble Minister of Steel in New Delhi.

Ms. Menon demonstrated exceptional leadership skills by inspiring her team to achieve excellence and overcome challenges. She has also been an advocate for workplace and societal equality and has worked to bring about

positive change in both areas.

The 'Wings of Steel' award is given to only six eligible candidates who have made significant contributions to the steel industry. Three nominees are shortlisted from each company, and a high-level evaluation committee selects the final winner.

Smt. Soma Mondal, Chairman, SAIL and other senior officials have extended their congratulations to Smt. Menon on this well-deserved achievement.



## Shri Atanu Bhowmick Receives Prestigious IIM-TSL New Millennium Award



Shri Atanu Bhowmick, Director in-charge (Rourkela Steel Plant) has been conferred with the esteemed IIM-TSL New Millennium Award for his outstanding knowledge and contributions in blast furnace based iron making, at a ceremony held in Hyderabad on 14 November, 2022. This achievement highlights the excellence of technocrats in various engineering and steel industry fields at SAIL.



## Salem Steel Plant Wins 2<sup>nd</sup> Prize For Sustainability At IIM Awards 2022

SSP has been recognized for its commitment to sustainability by receiving the 2<sup>nd</sup> Prize in the Indian Institute of Metals (IIM) Sustainability Awards. The award was presented by Shri Faggan Singh Kulaste,

Hon'ble Minister of State in the Ministry of Steel, at a ceremony in Hyderabad. This recognition reflects SAIL's ongoing efforts to promote sustainable practices across its operations and the steel industry as a whole.



## Barsua Iron Mines Organizes Mega Medical Camp As Part Of Azadi Ki Amrit Mahotsav

Barsua Iron Mines at Rourkela Steel Plant, SAIL continues to make significant contributions towards promoting health and wellness through its CSR initiatives. As part of the ongoing 'Azadi Ka Amrit Mahotsav' celebrations, a special mega medical camp was organized at Taldhi village on 14 February, 2023.

The camp was aimed at providing medical assistance to the people in the area and it witnessed a huge turnout of around 185 patients. The medical camp was organized in collaboration with the local community and healthcare providers and it offered a range of services, including medical check-ups, free medicines and consultations with specialist doctors.



## SAIL DSP's CSR Initiatives For Promoting Education

SAIL is committed to the all-round development of students at Kanya Siksha Niketan. SAIL Durgapur Steel Plant township, a free school for girls belonging to families below the poverty line. As part of its CSR initiatives, SAIL undertakes several programs for the betterment of these students.

On 9 February, 2023 students from SAIL Kanya Siksha Niketan visited 'Ethics Park' in Durgapur Steel Township. SAIL believes in instilling values in these girls from a young age and this visit was just one of the many initiatives taken by the company to promote education and values for the betterment of society.





## CSR Program In Chhattisgarh Empowers Women Through Embroidery Training

SAIL is committed to making a positive impact on society through various CSR initiatives, including women's empowerment, skill development and employment opportunities. Recently, a three month embroidery training program was launched for 25 women from Slum Basti, Raipur Naka, Durg, Chhattisgarh. The program was organized by BSP in collaboration with CG Hasthshilp Board and aimed to empower women to earn a livelihood. Participants received a monthly stipend of Rs 3000/- while learning embroidery skills to become self sufficient. This initiative reflects SAIL's dedication to social responsibility and its commitment to promoting gender equality and economic empowerment.



## Bhilai Steel Plant Organizes Free Medical Camps In Ahiwara And Kopedera Villages

BSP is committed to its CSR initiatives aimed at making a meaningful difference in the lives of people. As part of this commitment, the plant regularly organizes health camps in Plant and Unit locations, providing essential medical aid to those in need.

In line with its CSR efforts, Bhilai Steel Plant's CSR Department organized free medical camps as part of the Azadi ka Amrit Mahotsav celebrations in Ahiwara village and Kopedera village. These camps provided medical aid to a total of 209 villagers with 78 beneficiaries in Ahiwara

and 131 beneficiaries in Kopedera, including 31 men, 53 women and 47 children.

Through these medical camps, Bhilai Steel Plant demonstrated its unwavering commitment to the welfare of the people in the surrounding communities. The plant's CSR initiatives are aimed at improving the quality of life of the people in the areas where it operates, making a significant positive impact on the lives of those who need it the most.





## Rourkela Steel Plant Promotes Local Culture Through Synergy Lok Sanskrutik Mahotsav

SAIL always gives due importance to its Corporate Social Responsibility (CSR) initiatives. SAIL's CSR programs focus on promoting and nurturing the local culture of the areas where SAIL Plants are located. Through these initiatives, SAIL aims to make a positive difference in people's lives.

One such initiative was the Synergy Lok Sanskrutik Mahotsav, which was recently organized by Rourkela Steel Plant in the Lathikata Block. The event aimed to promote the local culture and traditions of the region. It provided a platform for the local artists and performers to showcase their talent and preserve the cultural heritage of the region.

The event featured various cultural activities and performances, including dance, music, and drama. The Oram Cultural Saliatoli dance troupe of Birkera Village Group emerged as the champion of the event, impressing the judges and the audience with their mesmerizing performance.

The event received a positive response from the local community and helped in fostering a sense of pride in the local culture and traditions. SAIL's commitment to promoting and preserving local culture through such initiatives is a testament to its dedication to the development and progress of the communities where it operates.



## RSP Launches Csr Gift Milk Program For School Children



Rourkela Steel Plant (RSP), in collaboration with the National Dairy Development Board (NDDB) and District Administration has launched a flagship CSR Gift Milk Programme for school children. The program will cover 1150 students from 22 schools of Bisra Block, providing them with 200ml fortified flavored milk every day on school premises.



The project was conceptualized under the guidance of Shri Atanu Bhowmick, Director in-charge (Rourkela Steel Plant) and a tripartite Memorandum of Understanding was signed between CSR Department of RSP, NDDB and the District Administration. The program was launched on 5 December, 2022.



## Bhilai Steel Plant Organizes Drawing Competition For Students

Bhilai Steel Plant in collaboration with the Bhilai Arts Club and Education department, organized a drawing/painting competition for students of BSP Schools on the theme of "New India with Renewable Energy" under the banner of 'Azadi ka Amrit Mahotsav'. The event was held at Senior Secondary school, Sector VII on 11 December, 2022.

Shri Anirban Dasgupta, Director in-charge (Bhilai Steel Plant) inaugurated the competition by releasing tricolor balloons. Almost 300 students from over 10 BSP schools participated in the competition, showcasing their skills with pencils, crayons, and watercolors. The selected entries from all three categories will be exhibited at Nehru Art Gallery, Civic Centre and the winners will be felicitated in a prize distribution ceremony.

The competition aimed to encourage the young students to depict a new India with a sustainable source of energy for the future. The participants depicted their vision of a sustainable future with creativity and enthusiasm, making the competition a success. The event was attended by various officials, teachers and staff from different BSP schools, making it a memorable and inspiring experience for all.



## RSP CSR Initiatives For Promoting Education

SAIL has always been committed to promoting education as part of its Corporate Social Responsibility initiatives. Continuing its efforts to support the education of students in peripheral schools, Barsua Iron Mines, Rourkela Steel Plant (RSP), SAIL, distributed study aid kits to 750 students across seven schools.

The distribution of study aid kits is a part of SAIL's continued effort to support the education of children

from marginalized communities. By providing students with essential tools and resources, SAIL aims to help them overcome barriers to learning and achieve their full potential.

Through such initiatives, SAIL is not only contributing to the overall development of the communities it operates in but also making a positive impact on the lives of children who will shape the future of our nation.







## SAIL Distributes Assistive Devices To Persons With Disabilities Across All Plants

In keeping with its Corporate Social Responsibility (CSR) initiative, SAIL recently distributed assistive devices to Persons with Disabilities across SAIL Plants & Units.

The distribution of assistive devices was done in collaboration with various organizations, including M/s ALIMCO, Bengaluru. These devices included motorized wheelchairs, crutches, tricycles, walking sticks and other assistive aids.

Through this program, SAIL was able to reach out to people in the peripheral villages of SAIL plants and bring about a positive impact to their daily lives.







## Sports Cell At Corporate Office Organises SAIL Cricket Match 2023

A friendly cricket match was played at Major Dhyan Chand National Stadium, New Delhi between SAIL Giants and SAIL Warriors on 25 February, 2023. The match, which was played by teams comprising of SAIL personnel, was a huge success. SAIL employees along with their families gathered in huge numbers to witness the enthralling event.



## बोकारो स्टील ग्रामीण फुटबाल प्रतियोगिता-2022 के फाइनल मैच में मानगो की टीम बनी विजेता

बोकारो स्टील प्लांट के सीएसआर के तहत आयोजित किये गए बोकारो स्टील ग्रामीण फुटबाल प्रतियोगिता-2022 का फाइनल मैच 1 दिसम्बर को मोहन कुमार मंगलम स्टेडियम में सिजुआ एवं मानगो की टीम के बीच खेला गया. एक रोमांचक मुकाबले में मानगो की टीम ने सिजुआ की टीम को 5-4 से पराजित किया. मैच के दौरान बीएसएल के निदेशक प्रभारी श्री अमरेन्दु प्रकाश, अधिशासी निदेशक (संकार्य) श्री बी के तिवारी, अधिशासी निदेशक (कार्मिक एवं प्रशासन) श्री संजय कुमार, अधिशासी निदेशक (वित्त एवं लेखा) श्री सुरेश रंगानी, अधिशासी निदेशक (सामग्री प्रबंधन) श्री अमिताभ श्रीवास्तव, अधिशासी निदेशक (झारखंड ग्रुप ऑफ माइंस) श्री जे दास गुप्ता, महाप्रबंधक(संपर्क एवं प्रशासन) श्री एन ए सैफी, महाप्रबंधक(सीएसआर) श्री सी आर के सुधांशु, वरीय

प्रबंधक(क्रीडा एवं नागरीक सुविधाएं) श्री एस रजक, नरकारा, तुपकाडीह, झोपरो तथा सिजुआ के मुखिया, मैच के ऑफिशियल, ग्रामीण तथा फुटबाल प्रेमी उपस्थित थे।

सिजुआ एवं मानगो की टीम के बीच खेले गये मैच के 48 वें मिनट में मानगो के श्रीराम हेम्भ ने गोल कर सिजुआ की टीम पर बढ़त बनाई पर सिजुआ के अरविन्द सोरेन ने 65 वें मिनट में गोल दाग कर मैच को बराबरी पर ला दिया और निर्धारित समय तक मैच बराबरी पर रहा. मैच का फैसला टाई ब्रेकर से हुआ. टाई ब्रेकर के निर्धारित समय में सिजुआ के राकेश सोरेन, रमेश मरांडी तथा संदीप सोरेन ने एक-एक गोल किये जबकि मानगो के धीरेन्द्र मरांडी, बाबू लाल हेम्भ, पी सोरेन तथा शिव कुमार मुर्मू ने एक-एक गोल कर टीम को 5-4 से विजय दिलाई. मुख्य अतिथि निदेशक प्रभारी ने विजेता एवं उप-विजेता टीम को शिल्ड देकर सम्मानित किया.

मैच के दौरान मैच के ऑफिशियल श्री संजय मोदी, श्री मनोज महतो, श्री जे पत्रा तथा श्री मुरलीधर महतो भी उपस्थित थे।





## Bhilai Steel Plant Takes The Lead In Promoting Football Talents

BSP has always been at the forefront of promoting sports and games in the country. As a part of its efforts to encourage young and talented football players, BSP has collaborated with SAIL, AIFF and CG Football Association to sponsor the HERO U-17 Youth Cup 22-23.

Shri Anirban Dasgupta, Director in-charge (Bhilai Steel Plant) inaugurated the tournament on 29 December, 2022 at Pant Stadium. The tournament saw 50 teams playing in 10 venues, with 5 teams in each venue. The teams from Chhattisgarh, Kerala, Tamil Nadu, Bihar and Madhya Pradesh will play each other.

Apart from providing excellent sporting facilities at the Plant/Unit locations, BSP has taken the lead in organizing

championships like HERO U-17 Youth Cup to encourage and develop young talents in football. This initiative by BSP will go a long way in promoting football in the region and the country at large.



## इंटर स्टील बैडमिंटन चैम्पियनशिप

स्टील प्लांट स्पोर्ट्स बोर्ड के तत्वावधान एवं बीएसएल के क्रीडा एवं नागरिक सुविधाएं विभाग की मेजबानी में सेक्टर-4 स्थित स्पोर्ट्स कम्प्लेक्स में इंटर स्टील बैडमिंटन चैम्पियनशिप हुई। इस अवसर मुख्य महाप्रबंधक (सीईडी) श्री शालिग्राम सिंह, मुख्य महाप्रबंधक(कार्मिक) श्री हरि मोहन झा, मुख्य महाप्रबंधक(सिक्वोरिटी) श्री मनोज कुमार, महाप्रबंधक(नगर सेवाएं)

श्री ए के अविनाश तथा वरीय प्रबंधक(क्रीडा एवं नागरिक सुविधाएं) श्री एस रजक सहित चैम्पियनशिप में भाग लेने वाली टीमों के खिलाड़ी उपस्थित थे। प्रतियोगिता के पहले दिन राष्ट्रीय इस्पात निगम लिमिटेड तथा टाटा स्टील के बीच, दुर्गापुर स्टील प्लांट एवं एलाय स्टील प्लांट के बीच, बोकारो स्टील प्लांट तथा आरएसपी के बीच, टाटा स्टील तथा भिलाई स्टील प्लांट के बीच तथा राष्ट्रीय इस्पात निगम लिमिटेड एवं सलेम स्टील प्लांट के बीच खेला गया।





## Swasti Singh International Star Cyclist Receives 30<sup>th</sup> Ekalavya Puraskar

Daughter of Smt. Uma Devi and Shri Amar Singh, Senior Technician/Senior Operator of Oxygen Plant of Rourkela Steel Plant, Swasti Singh, the international star cyclist has been honoured with the prestigious Ekalavya Puraskar. She received a cash award of Rs 5 lakh along with a citation at the Ekalavya Puraskar function held in Bhubaneswar

on 23 December, 2022. The award ceremony was graced by Billiard & Snooker World Champion, Padma Bhusan Pankaj Advani as the Chief Guest and Asian Games medallist Pranati Mishra as the Guest of Honour. Shri Baijayant Panda, Trustee, IMPaCT was also present on the occasion.



## SAIL Durgapur Township Adds New Multi-Functional Gym To Promote Health And Wellness



SAIL has always been committed to promoting a healthy lifestyle amongst its employees and their families. In its efforts to provide better health and wellness facilities, SAIL has added a new multi-functional gym in the Durgapur Steel Township. The gym was inaugurated by Shri BP Singh, Director in-charge (Burnpur and Durgapur Steel Plant), at the Nehru Stadium on 19 December, 2022.

The multi-functional gym, named Wellness- Multi Gym is equipped with state-of-the-art facilities and modern equipment to cater to the diverse fitness needs of individuals. It is a one stop shop for all fitness enthusiasts, providing facilities for cardio, strength training and flexibility exercises.

The addition of this new gym is a testament to SAIL's commitment to promoting a healthy lifestyle among its employees and their families. The gym will not only benefit SAIL employees but also the residents of the Durgapur Steel Township who can avail of the facilities.

The inauguration ceremony was attended by senior officials of SAIL, representatives of the Durgapur Steel Township and local residents. The attendees appreciated SAIL's initiative to provide top-notch facilities to promote health and wellness.

The addition of the new multi-functional gym in Durgapur Steel Township is a commendable step taken by SAIL towards promoting a healthy lifestyle. The facility will undoubtedly help individuals in achieving their fitness goals and lead a healthy life.





## SAIL RSP Hockey Academy Wins 44<sup>th</sup> All India Late Narayan Singh Memorial Gold Cup Hockey Tournament

The sports academies established by SAIL have gained a notable reputation in the realm of games and sports. Rourkela Steel Plant in particular, has developed many distinguished hockey players in the country through its 'SAIL Hockey Academy'.

In the latest achievement for the academy, it has secured a victory in the 44<sup>th</sup> All India Late Narayan Singh Memorial Gold Cup Hockey Tournament held at Balaghat, Madhya Pradesh. This win further cements the academy's standing as a top-notch institution for nurturing and honing the skills of young and talented hockey players in India.



## SAIL Giants Win Inter-Steel Industry Cricket Tournament

SAIL celebrated its Swarna Jayanti year by organizing an inter-steel industry cricket tournament. The tournament featured a team of SAIL employees called the SAIL Giants and a team of employees from other steel industry companies called the Steel Warriors.

After a highly competitive and thrilling tournament, the SAIL Giants emerged victorious in the final match, with the Steel Warriors coming in as runners-up. The tournament was a great opportunity for employees of various steel industry companies to come together, showcase their sporting talents and celebrate the Swarna Jayanti of SAIL.

The SAIL Giants team comprised of skilled and dedicated employees of SAIL who had been practicing and preparing for the tournament for several weeks. The team played exceptionally well, displaying great sportsmanship and teamwork throughout the tournament. Steel Warriors team also put up a good fight and displayed great skill and talent.

The inter-steel industry cricket tournament was a great success, with all participants enjoying the competition and the opportunity to build relationships with other companies in the industry. It was a great way to celebrate the Swarna Jayanti of SAIL and the contributions of the entire steel industry.







## SAIL ISP Kicks Off Swarna Jayanti Football Championship

ISP recently organized the 'Swarna Jayanti Football Championship' which was inaugurated by Shri BP Singh, Director in-charge (Burnpur and Durgapur Steel Plant). The event was attended by senior officers and representatives from the Officer's Association and Unions.

Eight teams participating in the championship were from various SAIL Plants/Units.





## Inter Steel Plants Cricket Championship Held In Bokaro

Steel Plants Sports Board (SPSB) organized the Inter Steel Plants Cricket Championship in Bokaro. The

championship saw participation from 11 teams, including Bokaro Steel Plant and Tata Steel. After a closely contested match, Tata Steel emerged as the winner of the championship. The tournament aimed to promote sportsmanship and camaraderie among steel plants and their employees.



## एफआईएच ओडिशा हॉकी पुरुष विश्व कप में सेल द्वारा शानदार स्वागत



## Shreeyans Mahey Selected For The Men's Under-25 Cricket Team For Col. CK Nayudu Trophy

Shreeyans Mahey, son of Shri Sandeep Mahey, GM (Finance), Corporate Office has made the SAIL family proud by securing a spot in the Delhi Men's Under-25 cricket team for the upcoming Col. CK Nayudu Trophy Tournament for the 2022-2023 domestic season.

The tournament is named after the legendary Indian cricketer, Col. CK Nayudu and serves as a platform for young and upcoming cricketers to showcase their talent and skills. The fact that Shreeyans has been selected for the Delhi team is a testament to his dedication, hard work, and talent.

His selection in the Delhi Men's Under-25 cricket team is a result of his impressive performance in the domestic cricket circuit. He has consistently been a top performer for his team and has caught the eye of the selectors with his all-round skills.



## Winners Of SAIL Crossword #1

# Shri Aditya S Routray

Designation/Department: Manager/Blast Furnace  
Plant/Unit: Rourkela Steel Plant

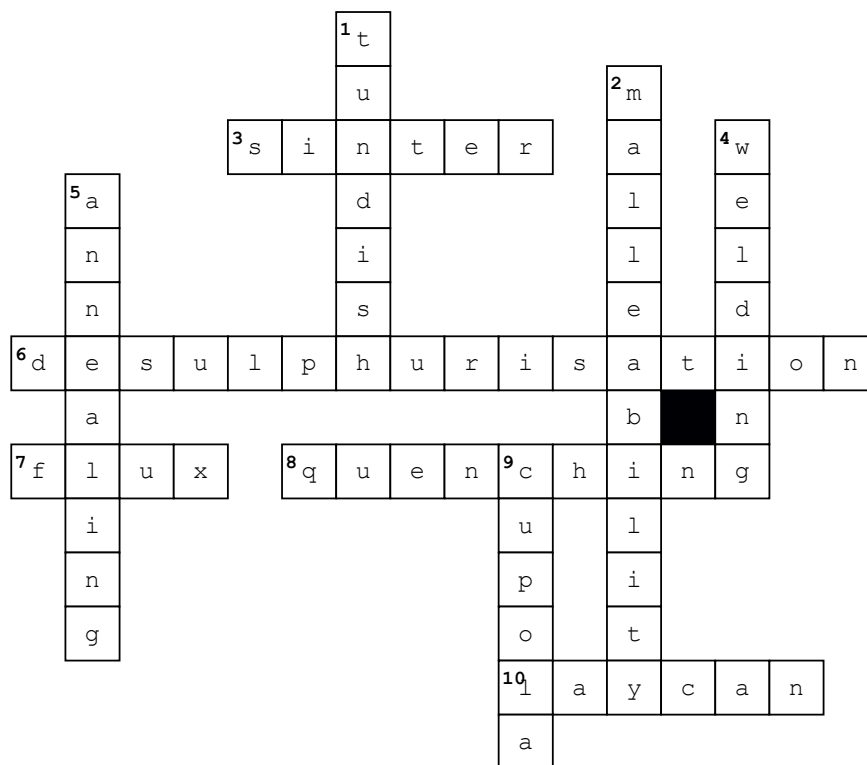
# Shri Sarat Kumar Sahoo

Designation/Department: Assistant Manager(C&IT)  
Plant/Unit: Rourkela Steel Plant

# Shri Binoda Kumar Behera

Designation /Department: Manager/ERP  
Plant/Unit: IISCO Steel Plant

## SAIL Crossword #1 Answer Key



### Across

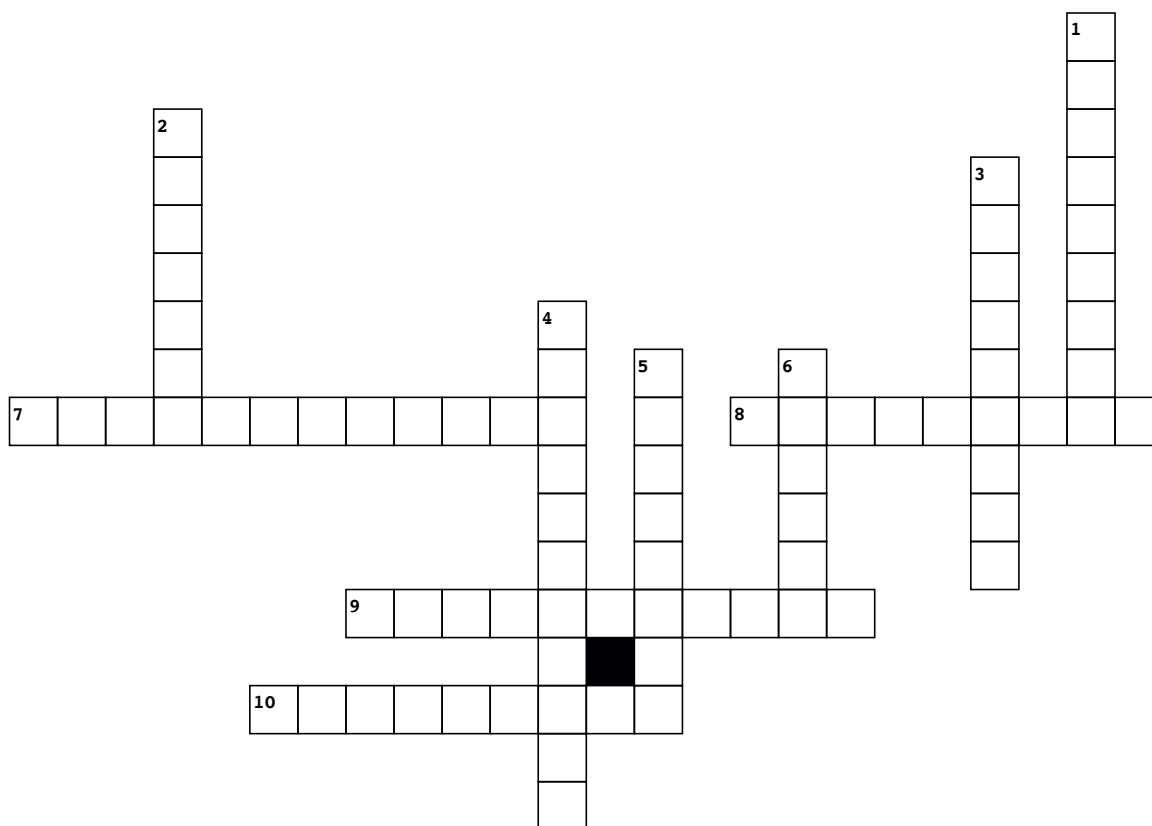
3. Used as a raw material in iron making
6. Process to achieve desired range of physical properties in steel
7. Removes impurities
8. Process to increase hardness and brittleness
10. Abbreviation for 'laydays and cancelling date'

## Down

1. Refractory lined vessel
2. Describes toughness of a metal
3. Describes the strength of a metal
4. Method of joining metals
5. Heating of metal to restore desirable properties after rolling etc.
6. Heating of metal to produce liquid iron in foundries
7. Heating of metal to produce liquid steel in foundries
8. Heating of metal to produce liquid metal in foundries
9. Small furnace widely used to produce liquid iron in foundries



## SAIL Crossword #2



### Across

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

### Down

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

### Instructions:

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

email ID: [sail.news@sail.in](mailto:sail.news@sail.in)

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

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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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