



Vedanta Aluminium expands alumina refining capacity to 3.5 MTPA



In a significant step towards achieving 100% vertical integration, we have successfully commissioned the new 1.5 MTPA expansion at our world-class alumina refinery in Lanjigarh, Odisha. With this, the alumina refinery's production capacity has now increased to 3.5 MTPA from the existing 2 MTPA. This additional 1.5 MTPA capacity is a part of our ongoing expansion to take the overall nameplate capacity at the Lanjigarh refinery from the current 2 MTPA to 5 MTPA, to support increasing aluminium production. This is part of our ongoing expansion efforts to be amongst the top 3 global players with 3 million tonnes per annum (MTPA) of aluminium production capacity.



"We are delighted to commission the expanded capacity which strengthens our raw material security and reduces costs for our Jharsuguda and BALCO aluminium smelters. It is a significant step towards 100% vertical integration and strongly positions us for sustainable growth within the global aluminium market."

Mr. John Slaven, CEO - Vedanta Aluminium



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BALCO first in India to achieve ASI Performance Standard V3 Certification!

Our unit BALCO, India's iconic aluminium producer, has recently achieved the Aluminium Stewardship Initiative (ASI) Performance Standard V3 Certification for the manufacture and supply of a wide range of primary aluminium products at its facility in Korba, Chhattisgarh. It has also emerged as the first Indian company to achieve the ASI Performance Standard V3 Certification. This demonstrates our strong commitment to adopting practices that ensure ESG excellence.

Mr. Sunil Gupta elected as the Vice-Chairman, CII Odisha State Council

Mr. Sunil Gupta, COO - Vedanta Aluminium and CEO - Vedanta Jharsuguda, has been elected as the Vice-Chairman of the CII Odisha State Council. Mr Gupta is widely hailed as an industrial expert and has overseen the successful implementation of greenfield and brownfield projects. His emphasis on sustainable practices, inclusive workplaces, and cultivation of community partnerships has been pivotal to business success.



BALCO introduces advanced new rake in record time!

BALCO has successfully introduced its first BOBRNHSM2 rake which promises numerous advantages, including the streamlining of linkage coal materialization by rake, resulting in improved supply chain efficiency. Moreover, it will facilitate supply chain optimization, cost reduction, substantial drop in carbon emissions, and alleviate pressure on public infrastructure. Impressively, the important project was executed within a record timeframe of 7 months.

Vedanta Jharsuguda introduces 70 KL underground diesel tank & dispenser machine

Vedanta Jharsuguda has installed a 70 kilolitre (KL) underground diesel tank and dispenser machine, increasing operational efficiency. It will especially contribute to a reduction in vehicle wait times and lead to notable cost savings. The sizable capacity of the underground tank also ensures a reliable supply of diesel to meet operational demands while mitigating potential critical situations during fuel crises.



World Water Day: Recycling enough water to fill 6,000 Olympic-sized swimming pools!

In FY24, we recycled over 15 billion litres of water across our operations, roughly equivalent to 6,000 Olympic-size swimming pools. Further, we helped restore over 60 water bodies in the communities across our operational areas in rural India during the same period: 47 in Korba, Chhattisgarh, 10 in Jharsuguda, Odisha, and 3 in Lanjigarh, Odisha. In our journey towards becoming Net Water Positive by 2030, we have also achieved a significant 11% reduction in withdrawal from freshwater sources.



A restored pond in Lanjigarh



An afforested ash dyke

World Forest Day: Reclaiming and afforesting five fly ash dykes

We have successfully undertaken the afforestation of five reclaimed ash dykes, which were closed after reaching full capacity, at our BALCO operations. This has been achieved through the plantation of almost 2 lakh saplings. Further, a large-scale forest cleaning initiative was undertaken at Korba, accompanied by awareness campaigns in the community, about the importance of ecological conservation.

Putting safety in the drivers' seat: 20,000 drivers trained on road safety

Vedanta Jharsuguda has introduced the SAARTHI initiative, targeting over 20,000 heavy vehicle drivers to boost road safety. SAARTHI, meaning "Charioteers," aims to ensure safer roads by conducting regular awareness sessions for drivers. It acknowledges their crucial role in maintaining safety within the plant premises and on roads. This initiative reflects a commitment to actively engage drivers in promoting safe driving practices, emphasizing their indispensable contribution to road safety both within and beyond an industrial environment.

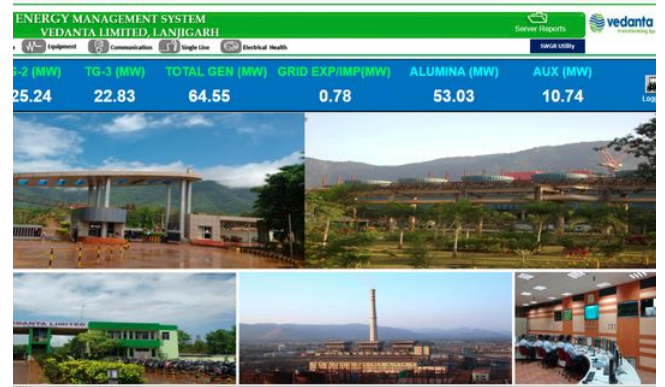


BALCO runs for the cause of better safety during National Safety Week

BALCO hosted the 'Run for Safety' event, demonstrating their commitment to promoting "Safety Leadership for ESG Excellence." With an impressive turnout of over 700 participants, including employees, business partners, and stakeholders, the event symbolized BALCO's commitment to safety. During the event, 18 employees were also recognised for their exceptional contribution in promoting safety, and working towards a safer workplace.

Vedanta Lanjigarh launches Energy Management System (EMS)

Our unit in Lanjigarh has launched an Energy Management System to enhance functional optimization across its power plant. It will enable optimizing and monitoring of the electrical asset parameters and their energy performance, thereby improving the equipment's operation and reliability, thus making a significant stride towards adopting more sustainable and energy-efficient processes.

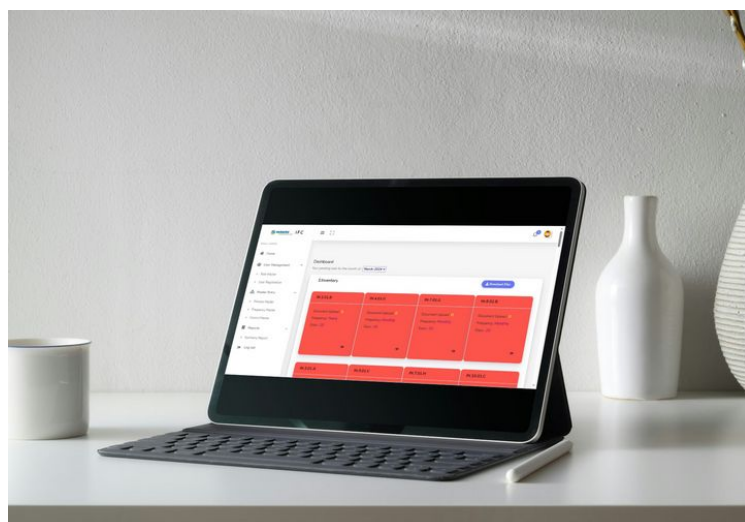


Go-Live - Digitalizing data extraction and analysis with Robotic Process Automation at Jharsuguda

Vedanta Aluminium, Jharsuguda, takes a digital leap with Robotic Process Automation (RPA), streamlining data extraction and analysis. The initiative boosts operational efficiency, saving 80% of time while handling 250+ data fields in just 5 minutes. With increased processing capabilities and automated scheduling, it promises enhanced accuracy and efficiency.

Go Live - Online Process Capability dashboard at power plants

Our aluminium plant in Jharsuguda has launched an Online Process Capability Dashboard for real-time monitoring of its power plant operations. The digital platform offers key insights through interactive visualization, facilitating quality control and process optimization. Key features of the new digital platform include instant analysis, user-friendly interface, customizable reports, seamless data integration, and continuous improvement tracking. The project is aimed at boosting operational efficiency at our power plants.



Go-Live: BALCO automates Internal Financial Control (IFC) documentation

BALCO has undertaken an Internal Financial Control Documentation Automation Project to boost operational efficiency and compliance. The initiative aims to revolutionize internal control management and documentation through a digital platform. It tracks monthly IFC implementation status, enhancing risk management and corporate governance. The IFC ensures a seamless documentation process for accurate financial information release, providing assurance for robust decision-making.

BALCO organises Unnati Utsav: Empowering women, enhancing community

BALCO celebrated Unnati Utsav to honour and empower community women, attracting a massive participation of almost 1,000 people from the community and township. The celebration provided a platform for Self-Help Group (SHGs) women to market and sell their products and spread awareness on social issues. 16 women from the community were also felicitated for their remarkable contributions to social causes. A new Mobile Health Van was launched by Dist. Chief Health Medical Officer, Korba, underscoring BALCO's commitment to community health.



Multi-Specialty Mega Health Camp organised at BALCO

BALCO organized a two-day Multi-Specialty Mega Health Camp through its Mobile Health Van (MHV) initiative, benefiting over 500 individuals across 7 neighboring communities. Expert medical teams provided tailored healthcare services, including on-site diagnosis for conditions like diabetes and blood pressure, ensuring accessible healthcare for all. Health camps such as these help in bringing quality healthcare to remote regions of the country.

Promoting STEM education in rural hinterlands with Vedanta Mini Science Centre

Vedanta Lanjigarh inaugurated a Mini Science Centre at Saraswati Shishu Vidya Mandir, Ambadola in Rayagada district. The innovative center aims to enhance STEM education for rural Odisha students with hands-on models and interactive modules. Catering to school children from classes 5 to 10, it is set to augment the learning experience of more than 600 students. The Mini Science Centre features hands-on models, graphic explainers, plug & play systems, and other interactive modules, accessible in both English and regional languages.



Empowering vision: Free eye check-up and spectacles at VGCB

Through Project Aarogya, a partnership between VGCB (Vizag General Cargo Berth) and Gayatri Vidya Parishad Medical College, a two-day eye camp was organised screening 384 individuals with comprehensive eye examinations conducted to identify vision impairments and other ocular conditions. Subsequently, 279 individuals received free spectacles, addressing vision impairments, enhancing community well-being.

Youths secured job placements through Vedanta Lanjigarh's skill training initiative

A batch of 30 candidates from Vedanta Lanjigarh's Skill Training Center has embarked on their journey to success after completing their training and securing placements in prestigious organizations. The initiative, started in 2022, aims to empower rural youth in Kalahandi district with new skills. Over 200 candidates have been trained and placed so far in renowned organizations like Ramoji Film City and Taj Group of Hotels.



VGCB's Project Aarogya empowers the differently-abled with mobility aids

VGCB's (Vizag General Cargo Berth) Project Aarogya delivered crucial aid to 16 differently-abled individuals through distribution of battery-operated wheelchairs, tricycles, wheelchair riders, commode wheelchairs, and tripod walk sticks. It aims to enhance mobility and independence for its beneficiaries. The impactful initiative fosters inclusivity, transforming lives and exemplifying the power of community support.

Project Swachh Jal : Water kiosk established in the community to beat the summer heat

In response to the scorching summer temperatures, VGCB (Vizag General Cargo Berth) has deployed Project Swachh Jal, aimed at providing relief to local communities through strategically placed water kiosks. The kiosks serve as vital hubs for clean and refreshing drinking water, offering respite from the sweltering heat while promoting hydration and overall well-being. This initiative also fosters a culture of sustainability and environmental stewardship by promoting the use of reusable containers.



BALCO empowers farmers: Mor Jal Mor Maati at TARANG Mela

BALCO's Mor Jal Mor Maati initiative, focused on empowering farmers and promoting sustainable agriculture, collaborated with the FPO - Korba. The partnership was showcased at the three-day FPO Mela - TARANG at Indira Gandhi Krishi Vishwadyalaya. The event provided a platform for FPO members to showcase agricultural products, emphasizing the crucial role of FPOs in agricultural development.

Vedanta Aluminium, Jharsuguda hosts Young Minds Townhall 2024

Vedanta Aluminium, Jharsuguda, hosted a 'Young Minds' Townhall chaired by Mr. Sunil Gupta, COO - Vedanta Aluminium and CEO - Vedanta Jharsuguda. The townhall included an insightful interaction between the team members and senior leaders, who emphasized on the available career development and growth prospects, and the role of young team members in driving greater innovation within the organization.



Vibrant Holi festivities re-energize Vedanta Aluminium

Vedanta Aluminium radiated with the vibrant spirit of Holi, as the whole organization came together in an exuberant celebration. Employees converged in gatherings, filling the atmosphere with joy and excitement.



Presenting, the stunning BALCO GET Hostel!



The GET Hostel is thoughtfully designed to cater to our every need. The world class facilities make it a truly wonderful place to stay, to unwind, and to make lifelong friends!

Vinay Sharma
Lead Safety, Power

Whether it be a game of billiards or cheering our favorite cricket team, the GET Hostel encourages us to get to know each other better, leading to greater camaraderie at work.

Sonali Ramteke
Deputy Head Planning, Projects





Vedanta Jharsuguda, BALCO, Vedanta Lanjigarh and VGCB shine at British Safety Council International Awards

Vedanta Jharsuguda bags National Awards for excellence in Water and Ash Management



Vedanta Jharsuguda bags recognitions at OSP Security Awards 2024

Vedanta Lanjigarh shines at Occupational Health and Safety Excellence at OCCUCLAVE 2024



Vedanta Jharsuguda and BALCO win accolades at the 14th CII National HR Excellence Award

Click on the images to view more!

Harper's Bazaar



WOMEN OF METTLE

Vedanta Aluminium is leading the charge in promoting gender diversity in India's manufacturing landscape.

Imagine this: a sprawling aluminum factory, with rows of massive machinery stretching as far as the eye can see. Robotic arms move molten cylinders and coils of shiny aluminum, with giant power plants in the background humming with the magnitude of energy that powers the entire operation. In the midst of this industrial marvel, skilled employees in hard hats, safety goggles, reflective jackets and industrial boots navigate the complex operations, ensuring that every aspect runs with precision. Impressed? Now, picture this scene led by a team of determined women.

Fortunately, we no longer need to rely solely on men. Today, we're witnessing a shift where individuals are valued for their skills rather than discriminated for their gender. Women are breaking barriers in traditionally male-dominated fields like the arduous task of the fascinating world of mining, metals and modern manufacturing!



Business Standard

GREEN POWER, CAPTIVE MINING REMAIN A CORNERSTONE Aluminium firms race to cut production costs



GLOBAL ALUMINIUM MAKERS COST DISCLOSURES

Company	Cost indicator	Volume
China's largest aluminium producer, Shandong Aluminum (SAL)	Aluminium ingot cost per tonne (COP)	2,200
India's largest aluminium producer, Vedanta Aluminium (VedA)	Aluminium ingot cost per tonne (COP)	1,750
Alumina Peltat (APL)	Alumina cost per tonne (COP)	1,750

EXPLORING LEGAL OPTIONS, INCLUDING REVIEW PETITION: VEDANTA ON TN COPPER UNIT

Vedanta on Wednesday said it is in receipt of the judgment passed by the Supreme Court on its copper unit in Tamil Nadu and is exploring possible legal options, including filing of review petition as per advice from its legal experts. Last week, the Supreme Court dismissed a plea by Vedanta to reopen its copper smelter plant at Thoothukudi in Tamil Nadu.

Business India

Innovative solutions

The recent launch of Vedanta's Metallikaar will help its customers



SERVING ALL, BIG OR SMALL.
A HUNDRED PORTALS FOR EASY ACCESS BY LARGE OR SMALL FIRMS

Welcome to the launch of vedanta's Metallikaar

This entire experience is supported by Vedanta Aluminium's panel of in-house experts, who will be on hand to guide first-time users.

"Metallikaar is a breakthrough initiative for our customers. So, we want to provide them with the broadest range of products and make the buying process as efficient as possible. It enables them to discover prices online and handle all aspects of the buying process, from negotiating the contract to placing the order to tracking delivery, and reconciling the financials at the end of the day, all in a very seamless way," explains John Stares, CEO of Vedanta Aluminium. "One of the harder things is locking in price. Many factors lead to price fluctuations, and the company allows customers to take advantage of this AI capability to help them manage their risk."

The great thing about this app is that customers want to be able to make their own selection regarding how they finance their products, all as well as how they manage logistics. Service providers and vendors are available on Metallikaar, so at the time of buying the product, customers can decide to work with a range of vendors for finance or logistics to ensure that they get the service that best meets their needs.

talking about the importance of aluminium, Stares says, "India consumes about three kilograms per person per year. China consumed 20 kilograms per person per year. As economies grow, the consumption rate increases. It is essential to move to a low-carbon economy, and in order to do that, you need aluminium. Whether you are developing renewable infrastructure, solar panels, wind generation, or all of the transmission infrastructure that needs to connect these things like lightweight vehicles, whether it's a motorcycle, electric vehicle, or commercial vehicle, aluminium is replacing steel packaging. So, moving to recyclable packaging, to recyclable buildings, all of these things require a lot of aluminium."

"India has a similar growth trajectory to what China experienced over the last 20 years. We want to grow with India's growth," explains Stares, a documenter such as text verification, bank guarantees and letters of

ET Auto

Women at the helm of auto industry – challenges and opportunities



A trend has been observed in the auto industry wherein women are being hired for working in critical areas like the shop floor of a factory.

New Delhi: The auto industry has been actively embracing new technologies in recent years, driven by the increasing demand for innovation, efficiency, and sustainability.

She The People

Odisha: All-Women Firefighting Team Drives Change In Manufacturing Sector

In the world of modern manufacturing, women are not just participants; they are catalysts for change who are delivering



Jepulina Borah | Image provided by the author

Navbharat Times

अंतरराष्ट्रीय महिला दिवस: मेटल वर्कशॉप हो या खदान, चहुंओर महिलाओं ने फहराया है परचम

आज अंतरराष्ट्रीय महिला दिवस है। पश्चिम के देशों में तो महिलाएं काफी पहले से सबला हैं। लेकिन अपने यहां अभी भी महिलाओं को अबला के रूप में ही चित्रित किया जाता है। हालांकि, कुछ महिलाओं ने इस कृत्रिम आवरण को धटा बताया



The Last Laugh



Why did the aluminum wire join the band?

Because it wanted to conduct some electrifying performances!

Why did the aluminum sheet never get invited to parties?

Because it always left everyone flat!



FOR MORE EXCITING STORIES, CONNECT WITH US ON SOCIAL MEDIA!

Click on the icons to be directed to our social media handles.



Got something interesting to share? Share your comments & feedback on AluminiumPower.Communications@vedanta.co.in