



Our products receive the Environmental Product Declaration (EPD) International verification

We have received the Environmental Product Declaration (EPD) International verification for our wide range of aluminium products, which ranks among the largest in the global aluminium industry.

EPD is a standardized and internationally recognized document that provides scientifically verified information about the environmental performance of a product. Our EPD-verified products include billets, Primary Foundry Alloy (PFA), wire rods, and all categories of ingots.

This verification reassures our customers that the products they know and prefer are consistently produced through sustainable and safe processes.





"As the backbone of a low-carbon future, aluminium's exceptional properties hold immense potential for the energy transition, with Vedanta Aluminium as a key facilitator. The Environmental Product Declaration is a testament to our dedication to engineering sustainable products for our customers around the world, signifying our commitment to creating a sustainable future."

Sunil Gupta

COO, Vedanta Limited - Aluminium Business

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BUSINESS HIGHLIGHTS





Vedanta Jharsuguda and BALCO achieve record production of wire rods and busbars

Vedanta Jharsuguda has now achieved its highest-ever quarterly performance for wire rod production. Mirroring this stellar performance, our BALCO unit has also achieved its highest-ever quarterly production of Primary Foundry Alloy and Alloy Rod, in addition to monthly busbar production in June. Both busbars and wire rods find extensive use in the electricals segment, for applications such as power distribution. This achievement testifies to our consistent efforts toward delivering total excellence in operations.



Asset Optimization Assessor workshop held in association with PwC

Asset Optimization focuses on deriving optimal use from company resources. Recently, Vedanta Jharsuguda hosted 'The Arete' - a 3-day Asset Optimization (AO) workshop aimed at enhancing knowledge sharing, practical learning, and skill assessment. Conducted in association with experts from Pricewaterhouse Cooper (PwC), the specialized training and assessment workshop on boosting the efficient management of assets concluded with the identification of 20 internal AO assessors.



Padma Bhushan awardee Dr. V K Saraswat, NITI Aayog member and Chancellor of Jawaharlal Nehru University, along with Shri. R. Saravanabhavan, Deputy Advisor for Minerals, visited Vedanta Jharsuguda. They received a comprehensive briefing on the plant's extensive operations, its significant contributions to India's growth, and the company's vision to foster self-reliance through the Atmanirbhar Bharat effort.



BALCO recognised as 'Most Active Industry in Certificates Market' by IEX

The Indian Energy Exchange (IEX), India's leading power trading platform, has recognized BALCO for active participation in the development of India's Renewable Energy (RECs) and Energy Savings (ESCerts) market, and thereby of its overall power sector. BALCO has emerged as the first company in India to bilaterally procure RECs for use in its plant operations.



A 'GREAT PLACE TO WORK' SEVERAL TIMES OVER!









Our Jharsuguda, Lanjigarh and BALCO operations have once again been declared a 'Great Place To Work'

And here's how we did it!

Unparalleled Leadership Development

Ensuring rich job content, cultivating and empowering leaders through internal growth workshops and focused training programs

Best-in-class Talent Acquisition, Promotion, and Retention

Consistently attracting accomplished, domain experts and specialists from top-tier institutions across India and abroad, providing best-in-class benefits and umpteen growth opportunities

Committed to Diversity and Inclusion

Ensuring gender-agnostic roles and creating an enabling environment for every professional to perform and prosper. Actively working with the LGBTQIA+ community to build access to sustainable livelihood opportunities and providing conducive infra.

Comprehensive Employee Well-being Initiatives

Spousal hiring policy in place for employees with families. Quality medical services are available on demand in close proximity to our world-class residential townships. We also launched Umang, a digital solution offering a plethora of support services to its users.

Focus on Sustainability

Regular training in ESG, gender sensitization; promoting employee volunteerism through community projects







HSE & SUSTAINABILITY



BALCO organises Mega Health Camp in Lalpur village, Chotia

In collaboration with the District Health Department, BALCO recently organized a large-scale Health Camp in Lalpur village, Chotia. The primary objective of this initiative was to offer essential healthcare services and promote the overall well-being of the community. The response to the camp was remarkable, with an impressive turnout of over 330 individuals seeking medical assistance. Emphasizing the importance of quality healthcare, the camp provided free-of-cost services, including thorough health check-ups and consultations, along with the necessary medications.



BALCO encourages sustainable changes across its operations and communities

In observance of World Environment Day, BALCO conducted a range of initiatives. These included the distribution of over 10,000 cloth bags as an ecofriendly substitute for single-use plastic bags, along with a walkathon that engaged over 500 students. Demonstrating its dedication to sustainable business practices, BALCO implemented the use of electric vehicles (EVs) for internal transportation within its expansive plant premises.





Vedanta Lanjigarh's laboratory team eliminates paper cup usage

Demonstrating a positive impact and inspiring change, Vedanta Lanjigarh Laboratory organized a commendable initiative aimed at reducing the use of environmentally harmful paper cups. They implemented a switch to ceramic cups, recognizing that if each employee reduces their consumption, they can collectively prevent over 700 cups from being disposed of in the environment.



Vedanta Jharsuguda facilitates IOSH Working Safely Certification

Vedanta Jharsuguda facilitated the Institute of Occupational Safety & Health (IOSH), in association with NVIRON Consulting Pvt Ltd for 'Managing Safely Certification Course'. A total of 29 employees from technical and safety departments participated in the session which helped them understand and adopt high-standard occupational health and safety practices in their workspaces.

DIGITAL & BUSINESS EXCELLENCE



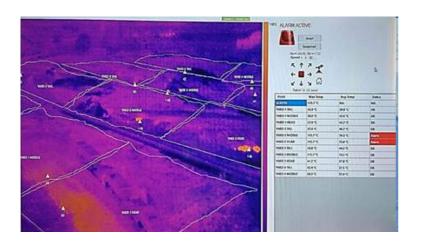
Cutting-edge Startup Monitoring Dashboard at BALCO

BALCO has implemented a Startup Monitoring Dashboard for power plant operations to track and control emissions. The cutting-edge system provides real-time monitoring of start-up activities by analyzing data in crucial operational phases. The dashboard classifies start-up types and displays actual values for parameters that require constant monitoring, improving operational efficiency with real-time management of start-up activities and optimized oil consumption.



World-class ERP solution deployed for Vedanta Lanjigarh's 3 MTPA expansion plant

Vedanta Lanjigarh has successfully implemented SAP HANA - with an integrated Enterprise Resource Planning (ERP) system, for its 3 MTPA Expansion plant. This implementation will help enhance business operations by providing a unified digital platform right from the commissioning phase. Our Lanjigarh operations can now carry out seamless and efficient business transactions through the SAP HANA, enhancing productivity and streamlining processes.





COO - Power office at Jharsuguda goes paperless

As part of its digitalization efforts, Vedanta Jharsuguda has launched paperless operations at the COO Power Office. The initiative eliminates manual intervention and reduces paper usage, while enabling monitoring continuous of crucial performance indicators such as cost. safety, and operations & maintenance. enhancing efficiency and streamlining operations.



Hot Spot Monitoring System for Coal Yard at BALCO

Introducing BALCO's groundbreaking thermal imaging application - Thermon, which revolutionizes safety and efficiency in coal yards. By enabling early-stage temperature detection, Thermon is a game-changer in preventing unforeseen incidents. The application empowers proactive measures, enhancing safety protocols and operational effectiveness.

INDIA'S LARGEST FLEET OF ELECTRIC FORKLIFTS!













COMMUNITY DEVELOPMENT



Vedanta Lanjigarh organizes clean-up drive in Lanjigarh Town

The employees and business partners of Vedanta Limited, Lanjigarh came together to help organize a clean-up drive in several key locations of Lanjigarh town. This was accompanied by an awareness drive targeted toward local business owners, enlightening them about the harm of using single-use plastic. The initiative was carried out as part of community preparations for the annual Rath Yatra celebrations.



Hosting District Hockey Tournament finals to encourage budding talents

Promoting budding hockey talent in and around the district, Vedanta Jharsuguda hosted a two-day district hockey championship for the junior and sub-junior levels at its ground in Vedanta Meadows township. Over 150 students from across 5 government schools in the district participated in the tournament. Ms. Aboli Sunil Naravane, District Collector – Jharsuguda, gave away kits to all participants and felicitated the winners and runners-up of the championship.





Pond restoration drive undertaken by employee volunteers

Employees and community members at BALCO joined hands to help restore a Community Pond at Jambahar village. Over 50 employee volunteers and community members joined hands for the cause, which will help in increasing water retention capacity leading to groundwater recharge, and ensuring more irrigation for farmlands. In FY23, we built 21 Water Harvesting Structures with 25,000+ CuM capacity.



Vedanta Jharsuguda completes Phase - 1 of Nikshay Mitra

Vedanta Jharsuguda has successfully completed the first phase of Nikshay Mitra program, supporting the Government of India's ambitious 'TB Mukt Bharat Abhiyaan' (Tuberculosis Free India Campaign). Its efforts have benefitted more than 350 patients, through collaboration with the Jharsuguda District Administration. This includes care of the nutritional needs of the patients, and maximizing community awareness of tuberculosis.

COMMUNITY DEVELOPMENT



Helping animals and birds get access to water during the summer heat

Several of our units took up The Animal Care Organisation's (TACO) 'Water Bowl Challenge', with BALCO being recognized as the winner of the competition. In a simple act of kindness towards animals, volunteers at BALCO placed eco-friendly earthen pots and troughs made by our SHG members, at various places for animals to drink from and quench themselves in the scorching heat.



Empowering community members to make informed choices on health

BALCO undertook a Safe Spaces Campaign towards community awareness regarding ensuring menstruation. The team joined hands with 50 service providers selling period products, hospitals, and clinics to promote openness and mindfulness about menstrual Health. This was achieved through the sensitization by pasting Safe Spaces stickers taking the pledge openly embrace menstrual to conversations and transparent packaging.





Students from Vedanta Archery Initiative win at national meet

In pursuit of its commitment to promoting the grassroots development of sports, Vedanta Lanjigarh has been working tirelessly toward the development of community members in karate and archery. This effort has yielded great results as two members from the archery initiative have secured national-level medals and helped Odisha win their first national medal in archery in seven years.



Brightening school buildings and bringing wider smiles

Vedanta Jharsuguda has initiated 'ArtShala' - an initiative to enliven school buildings through employee volunteerism. Several of our team members came together at the UP Government school, Purna, to transform community schools that were in disrepair, through interactive artwork. Inspired by the BaLA (Building as Learning Aid) concept, they painted murals on the school walls to help turn it into a more vibrant learning space for the young students.

WORLD ENVIRONMENT DAY





LIFE AT VEDANTA



Celebrating Womanhood: Raja Mahotsav observed at Lanjigarh

In a joyous celebration, the employees of Vedanta Lanjigarh came together to celebrate Raja Sankranti in the township. The festival commemorates the initiation of a girl's first menstrual cycle, and the celebration highlighted the socio-cultural significance of embracing this natural phase of life, fostering inclusivity and awareness, promoting a positive environment that respects and acknowledges important milestones in every individual's life journey.



Vedanta Aluminium celebrates Rath Yatra with unbridled enthusiasm

The Rath Yatra celebrations at our units reverberated with boundless enthusiasm as the entire Vedanta Aluminium family joined in the jubilation surrounding one of India's, and especially Odisha's, most culturally important festivals. The occasion featured lively dances and melodious music, adding to the vibrant atmosphere at our units. The day was commemorated with great fervor through processions, cultural performances, bhajans, and kirtans.





Embracing wellness together on International Yoga Day

Our employees, business partners, and the community wholeheartedly embraced the myriad benefits of yoga on the occasion of International Yoga Day across our operations. They immersed themselves in the practice towards nurturing their physical and mental well-being. The collective spirit helped build positivity and harmony, fostering deeper connections.



Eid 2023 with 'Shaam-e-Sufi' qawwali session at BALCO

BALCO celebrated Eid with a captivating qawwali session "Shaam – e – sufi" that featured mesmerizing melodies along with a special Eid dinner, representing a fusion of both traditional and contemporary cuisines. Laughter and cheerful conversations were the flavor of the evening, as our diverse, multicultural team members, drawn from across India came together to celebrate the festival.

SPECIAL FEATURE



If we want real peace in this world, we should start educating children.

- Mahatma Gandhi

Papuni Kumar Sahoo, a senior process controller at Vedanta Jharsuguda, on how volunteering as a teacher brings more fulfillment to the self and helps makes one a better professional.

What inspired you to take up teaching as a volunteer?

Teaching has been my lifelong passion, one ignited by a remarkable college teacher who imparted invaluable life lessons with academic knowledge. This motivated me to start teaching community children pro bono. Vedanta's educational initiatives for the community children align with this mission. My efforts as a volunteer over the past year have been encouraged by the management as well, most recently by receiving an award for the maximum number of hours and maximum classes contributed as a teaching volunteer.

What subjects do you focus on?

I focus mainly on Maths, Science, and History, teaching students in Classes 6 to 12 as a volunteer outside of office hours. In addition to regular school subjects, I aim to provide a well-rounded education that encompasses critical thinking, moral values, and creativity. Recognizing the unique needs of each child, I tailor my lessons accordingly.

Any memorable moments that you experienced?

I had a student who was struggling in understanding Trigonometry. After personalized guidance, he grasped it better and began solving problems independently. Months later, the student and his parents approached me, expressing gratitude for his new-found math skills. Witnessing this transformation reaffirmed my commitment to teaching.

What qualities are essential to be a good teacher?

While there are many important qualities for being a good teacher, if I had to choose one, it would be passion. Passion is the driving force behind effective teaching that fuels enthusiasm, and a genuine desire to make a positive impact on students' lives.

What skills does volunteering bring to an individual? Volunteering as a teacher cultivates effective communication, team spirit, and patience. It nurtures leadership, organizational abilities, empathy, and compassion. These establish a well-rounded foundation for personal and professional growth.









AWARDS & ACCOLADES



Vedanta Jharsuguda wins Greentech Award for Best Occupational Health Practices



Vedanta Jharsuguda wins 'Best in Network Planning Optimization' & 'Best Sustainability in Supply Chain' at the 8th Future of Logistics & Supply Chain Summit







Financial Express



is gaining remarkable traction as countries and organizations swiftly embrace climate-resilient business models. With the urgency to address climate safeguarding against potential disruptions, ensuring the stability of global demand and supply chains. Recently, on Earth Day, the Hon'ble Prime Minister rebetated India's commitment to furthering sustainable development in line with our culture of living in harmony with nature.

ComputerWeekly

How Vedanta is harnessing tech in aluminium production

by deploying CPS-enabled tracking and machine learning modes trained on near-real-time satellite imagery, Vedantia is also monotoring and optimizing the routers of vertices that deliver on on the power paints. This helps for reduce instances of coall patterage, and ensures greater control liver coal increment and quality. Sharms said.

recursioning is amonorarying recursion or creater consentance produces. Freedom digital prototyping, it can create virtual models of customised aluminium products, allowing for better visualisation, testing and quark modifications to meet specific customer requirements. This reduces errors and toxics associated with multiple iterations and ensures a more efficient production process.

o collect and analyse market data, industry trends and customer preferences to identify pportunities in sunnie sectors, such as electric vehicle (EV) manufacturing and renew

Al Circle

O Detail
We are honoured to have a cno-on-one interview with Mr Rahul Sharma, CEO of Vederta Limited—Akmiham Business, wherein he explained the features and functionalities of the nealy instaled ItoT devises at their 2400 MW Themail Power Plant. He has all described how the dovices can cust caction entistency, microving eliquatify. He has also described Vederfails given branchs Restore 6 Restore Utha while revealing their long-term net-zero emission golds.

To know about it all, read the interview below:

AL Circle: Congratulations on installing Industrial Internet of Things (8oT) devices at your thermal power plant. Please enlighten us on the functionalities of devices towards resisting

Carbon enissions.

Rahul Sharma: Bilang unnong the work's top players and India's largest sturrieurs producer, we took a styrificant doep towards enthancing entasions control at our 2400 MW. Thermal Power Plant. By stonguating industrial histories of Things (old) notworks in the late. Historie, we bolisted efforts to capture particulate matter and improve a countily. These tables filters, strategically passed after electrostic precipitatives in circumpers, prevent harmful enresions from eccaping into the atmospher by collecting particulate matter from the power plant's not (as. The inscription of lift divisions enables previous members) by the bagging differential pressure, a crucial stock in optimizing filter efficiency. This stop is a bestament to commitment to which from validation electroscentrial to the last of the last of the contribution of the form validation electroscentrial resolutions, allowing for immediate action to maintain stringert enissions control standards.

AL Circle: Do you plan to invest in more technologies such as ItoT devices in the near future?

Rahul Sharma: We are currently in a transformative growth phase, setting the stage for a denugtive resolution across our assess, employees, and operational integration. Through Verbind Spark, our statu-up incubation programme, we are obtained may with tech later-up to develop in-bouse introduction for business of before and their incustriation valido projects. With a resolution valour to become the world's leading and most sustainable aluminium producer, the company is strategically investing in Industry 4.0 and Web3 technologies to achieve manufacturing excellence.

Modern Manufacturing India

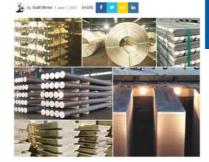
SUSTAINABILITY IN MANUFACTURING: PRESERVING OUR WORLD



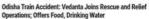
Sustainability at all levels of manufacturing - product, process, and system

Manufacturing Today

Vedanta Aluminium's EPD-verified products lead the way in sustainability



India CSR





Vedanta Aluminium Takes Swift Action in Response to Train Accident

Expert Teams Provide Support and Essential Supplies

Immediate Aid for Injured Passengers

Provision of Food, Water, and Clothing

The Last Laugh



Why did the aluminum can seek help?

Because it had a lot of can-fidence issues!

What did one aluminum atom say to the other?

"I'm feeling positively charged today!"



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