

ELEMENTAL

Aluminium & Power Business' Monthly Newsletter

CEO's MESSAGE



Ajay Kapur - CEO,
Vedanta Ltd.,
Aluminium & Power Business

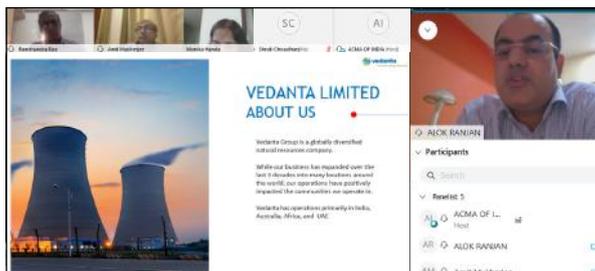
"It is our constant endeavor to adopt smart technologies to make our operations more efficient and sustainable in line with our ethos of zero harm, zero waste and zero discharge. As we produce top-quality aluminium to boost India's self-reliance in sectors of critical importance, we are also committed to emerging as the most energy-efficient aluminium producer globally."

WEBINAR - RISE OF ALUMINIUM IN AUTO INDUSTRY

Vedanta Aluminium & Power recently took part in a webinar organised by ACMA (Automotive Components Manufacturers Association) where Vedanta Aluminium's Chief Marketing Officer, Alok Ranjan was invited as the chief speaker.



Addressing the event which saw more than 100 participants, Alok Ranjan spoke about the emerging opportunities for aluminium in the automotive sector.



THIS ISSUE:

OUR COMMUNITY

Training to build entrepreneurial skills

DIGITAL

Digital logistics control towers

EMPLOYEE ENGAGEMENT

Vice Chairman's engagement with business units

METAL OF THE FUTURE

Webinar - Rise of aluminium in auto Industry

RECOGNITION

Vedanta Aluminium wins big at CII National Awards for energy efficiency

MEDIA HIGHLIGHTS

Video interviews, features and podcast

COVID MARSHAL, AI-based tool for compliance

Lanjigarh unit recently launched COVID Marshal, a sophisticated Artificial Intelligence (AI) and Machine Learning (ML) based SaaS tool that will strengthen adoption and monitoring of our COVID prevention protocols such as usage of masks, adherence to social distancing and cleanliness at the workplace.



Advanced Logistics Control Towers

In order to strengthen end-to-end monitoring of inbound & outbound logistics & improve business efficiencies, we recently introduced Logistics Control Tower for coal, alumina & bauxite. The one-of-its-kind digital deployment will make use of advanced analytics for real-time strategy calibration and faster decision making, improving inventory and improve business predictability.

KWIK for organic waste management

Vedanta Jharsuguda has installed the fully automatic bio-mechanical organic waste composter, KWIK Composter Accelerator (KCA) to convert organic waste into biomass and reduce its volume by about 70-80%. This is aimed at recycling food waste into compost for further usage in horticulture at plant site.





Application





Smart Dashboard for Tracking & Reporting

'V-SWachh' for effective housekeeping

Recently launched in-house application 'V-SWachh' by Jharsuguda team is a complete housekeeping checklist solution. Besides improving housekeeping efficiency and ensuring timely compliance, such digital innovations help upgrade the tech-literacy of our housekeeping staff.

IVRS boosts e-learning reach of Vedanta Nand Ghar

Nand Ghar, Vedanta Group's flagship corporate social responsibility project, launched Interactive Voice Response System (IVRS) to boost accessibility, reach and effectiveness of its e-learning modules for children hailing from remote villages of Odisha. The IVRS and e-learning content are customized for homeschooling of children belonging to financially strapped families which may not own smart phones.



Training women on mushroom farming

Vedanta conducted training on mushroom farming in a bid to promote entrepreneurial capabilities of women from rural margins of Jharsuguda. Besides helping women empower themselves financially, it provides opportunities to sustain one's livelihood through volatile times like now.

Navi Disha

TSPL's sustainable agriculture project Navi Disha, aims to promote sustainable agriculture in the region. Since inception in 2017, it has been benefiting more than 1000 farmers from 26 villages of Mansa & Bathinda. In the month of August 2020, training on direct seeding of rice and integrated pest management were conducted on cotton and paddy, on field and online, for more than 50 farmers.

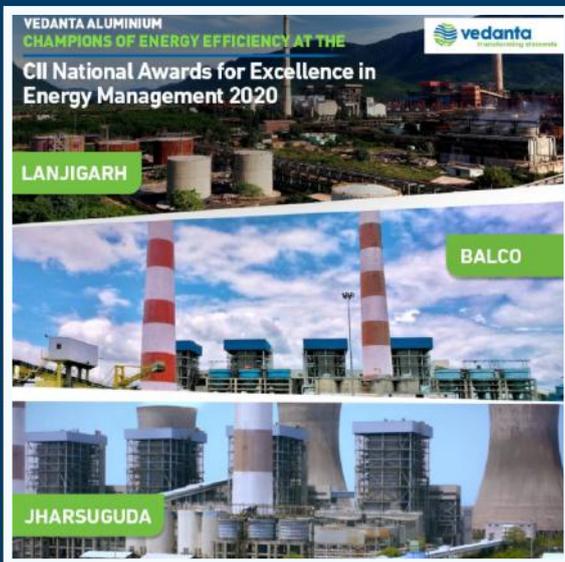


Infrastructural Support

Owing to rains and a canal breach, several acres of agricultural land in Punjab's Perron village were on the brink of submergence. TSPL extended immediate relief to arrest the flooding, averting major damage.

Vice Chairman - Mr. Navin Agarwal's Engagement with Business Units

The virtual session chaired by Vice Chairman, Mr. Navin Agarwal across our business units – TSPL, BALCO & Lanjigarh – encouraged employees to work towards achieving goals through operational and management excellence while focusing on having a collaborative model of working with business partners to achieve inclusive growth.



CII National Awards for Excellence in Energy Management - 2020

We're proud to have recently received awards honouring our commitment to sustainability.

BALCO won 'Excellent Energy Efficient Unit' as well as 'Innovative Project' awards. Our Lanjigarh plant won the 'Excellent Energy Efficient Unit' while both the Jharsuguda smelters won the 'Energy Efficient Unit' at the CII National Awards for Excellence in Energy Management -2020.

These are a testament to our focus towards continuous improvement, environmental sustainability and preserving the planet - goals that we will keep striving towards.

Spotlight - Artists of Aluminium & Power

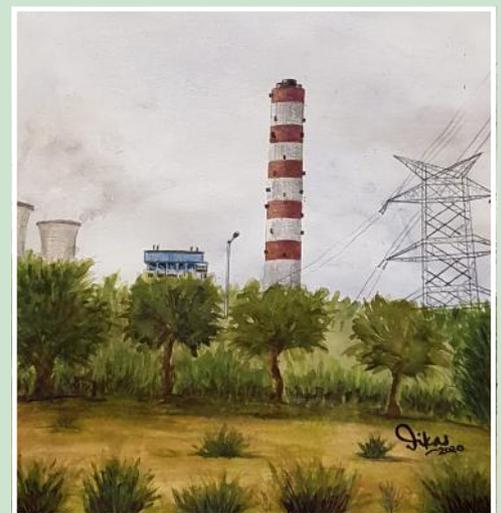


Vikas Sharma
CEO and WTD, TSPL

When we say business and beyond, it does not only define operational excellence and innovation, but also recognizing unusual talent.

Vikas Sharma, CEO and Whole Time Director, TSPL, is an amalgamation of a true business leader and an artist who celebrates his passion for work and life through art.

Here's is the most recent painting created by him, where he showcases the beauty of TSPL - one of the most eco-friendly plants in India.



TSPL Unit (Water & pencil colours on paper)

Industrial Product Finder

[\(Click here to read more\)](#)

Vedanta Aluminium's focus is to develop more value-added products: Ajay Kapur

In this interview with Rakesh Rao, Ajay Kapur, CEO (Aluminium & Power), Vedanta Ltd, explains why it is an opportune moment for India to claim top position in the global aluminium market and how Vedanta is working towards fulfilling industry needs by producing import-substitute products.



Aluminium - considered to be the metal of the future for a greener tomorrow - is the second most important metallurgical industry in India after steel. With a capacity of 2.5 million tonne per annum (MTPA) and a 40 per cent market share in India's aluminium industry, Vedanta is the largest aluminium producer in India. Entrusted with the responsibility to unlock the full potential of the \$ 10-billion assets in the aluminium & power business, Ajay Kapur, CEO (Aluminium & Power), Vedanta Ltd, is gearing up the company for further growth and expansion.

[Ajay Kapur on Vedanta's continuous innovative efforts](#)

ET Auto

[\(Click here to read more\)](#)

Collapsing auto sector & future of aluminium

Looking ahead, experts pointed out that the weak demand conditions from the end user segments such as construction and automotive sector coupled with higher supply from smelters is likely to push the primary aluminium market into a decade high surplus.

[Ajay Kapur's podcast on aluminium in automobile sector](#)

Indoasian Commodities

[\(Click here to read more\)](#)

Focus on exports helps Vedanta Aluminium cushion Q1 lockdown shock; expects business climate to improve in H2

Posted on August 14, 2020 by Ritwik Sinha in Metals, WHAT'S TRENDING



[Feature on Vedanta's operational efficiency amidst the pandemic](#)

Architect & Interiors India

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efficient and environment-friendly, with less CO2 emissions.

"In our quest for a sustainable future, there is a growing emphasis on green buildings. Aluminium is one of the most energy-efficient and sustainable materials. It can withstand various climatic conditions, and the insulation technology used for aluminium fenestration applications in developed markets helps meet low energy requirements. Aluminium reduces the construction time owing to availability of prefabricated structures and increases portability of the structure. It is easily customisable, durable and less complex as compared to conventional building structures. With applications ranging from warehouses and exhibition set-ups to storage units, aluminium structures are a preferred choice for portable structures," opines Kapur.

For buildings which demand a high degree of absorption of structure-borne and airborne noise, aluminium has proven its worth for support purposes. Furthermore, at the end of the life cycle, aluminium can be easily recycled with minimal energy into new forms without any loss of quality.

LOOKING AHEAD

The future lies in intelligent façade systems; in other words, systems that are characterised by automation and control of the façade elements, thereby providing the best possible light conditions, air flow, solar shading, and energy storage and distribution. Aluminium is the perfect material for such systems, suitable for large-surface use and extreme loading.

Sarabjit Singh, architectural designer and founder, Villa Origa Design Studio, says, "Trends in aluminium structures tend to push the boundaries of window openings; less frames and more glass make expanses seem endless.



13. Vedanta offers high-quality aluminium products for downstream manufacturers/ extruders like the billets / cast bars.

14. Vedanta has a variety of products including aluminium ingots.

15. Ajay Kapur, CEO, Aluminium & Power, Vedanta Limited.

[Ajay Kapur in conversation with Architect & Interiors Magazine](#)

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