

ZINC NEWS

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Cover Story

Hindustan Zinc and JNCASR Partner to Revolutionize Zinc Based Battery Technology





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Hindustan Zinc Limited is teaming up with JNCASR to develop advanced zinc-based batteries as better alternatives to lithium-ion based batteries enhancing energy storage. This collaboration is a milestone in battery technology harnessing zinc's abundant availability, cost-effectiveness, and sustainability.

KEY HIGHLIGHTS



Advance zinc alloys for Zinc Ion and Zinc Air batteries & improve recycling



Cost-effective, durable, and safer than lithium-ion batteries



Focus on defense, renewable energy, and infrastructure



Lower costs and reduce import dependency using India's zinc resources



Led by Prof. Premkumar Senguttuvan and JNCASR on energy storage research

“

This collaboration highlights our role in the energy transition by advancing zinc-based technologies, offering a safe and sustainable alternative to lithium, and contributing essential materials for clean energy solutions.”

-Arun Misra, CEO (HZL)





Rajasthan Chief Minister Bhajan Lal Sharma, Chairperson Priya Agarwal Hebbar, and CEO Arun Misra Lead 'Rising Stars Roadshow'



Chief Minister Bhajan Lal Sharma, Chairperson Priya Agarwal Hebbar, CEO Arun Misra, and other dignitaries led the 'Rising Stars Roadshow' in Mumbai. They outlined Rajasthan's goals for the 2024 Investment Summit, focusing on manufacturing growth, green technologies, and job creation.

Hon'ble Finance Minister Nirmala Sitharaman Highlights Zinc Sector's Contribution



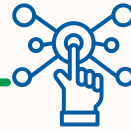
At the Central GST Bhawan inauguration in Udaipur, Finance Minister Nirmala Sitharaman highlighted the zinc sector's key role in revenue, leading to our CFO Sandeep Modi and tax leaders being honored with an invitation.

Hindustan Zinc at Evolve+ Battery Conclave by Amara Raja in Hyderabad



At the Evolve+ event by Amara Raja, Hindustan Zinc highlighted their zinc-based batteries and collaboration with AEsir Technologies. The panel praised these batteries for their safety, sustainability, and cost benefits.





Revolutionizing Production Through Robotics & Automation



Innovation is integral to our operations, exemplified by our deployment of advanced tele-remote drilling systems. These systems are engineered to function effectively even during smoke hours thanks to sophisticated sensors that ensure precise and controlled drilling. This enables an additional 20 kilometers of drilling, significantly enhancing ore recovery and resource optimization. This technology helps reduce human intervention and environmental impact.

Monitoring of Low Profile Dumping Trucks to Improve their Utilization

Hindustan Zinc partnered with MachineMax through our flagship startup and innovation program - Vedanta Spark, implementing IIoT and data science to monitor the activities of LPDTs (Low Profile Dump Truck) and identify gaps in productivity. As a result, LPDT's idle hours were decreased by 7.64%, leading to a reduction of 0.5 hours per shift per equipment.





Hindustan Zinc welcomes 35 new trainees from the Vedanta Leadership Development Program, including Management, Graduate Engineering, and Officer Trainees



Ambavgarh Dialogue Conducted under the Theme - "Say Yes to Productivity"



At Hindustan Zinc, we are fully committed to the mental wellbeing of our employees. Championing well-being and fostering a high-performance culture - our latest Ambavgarh Dialogue, led by CEO Arun Misra and featuring insights from corporate coach Oscar Braganza highlighted our commitment to development, equality, and inclusion. Themed "Say Yes to Productivity," this cross-functional event featured a lively Mentimeter session, a dynamic panel discussion, and insightful employee experiences. Together, we are building a culture where well-being and performance thrive.



At HZL, our people are the heart of the organization, each bringing their own unique stories and passions. Garima Kothari exemplifies this blend, masterfully balancing motherhood, professional achievement, and creative flair.

How have your creative hobbies enriched your approach to your role and contributed to your growth within the company?

I thrive on exploring new interests and continuously growing, a mindset reflected in my diverse career at HZL, where I've worked across logistics, security, and HR. My passion for innovation and connecting with people extends into my personal life through creative hobbies like calligraphy and paper crafts. During the pandemic, I crafted a custom wedding hoop, which received such positive feedback that it inspired me to blend my personal passions with my professional growth even further.



How do you balance your work with personal life and hobbies?

Balancing work and personal life really hit home for me after I became a mother. Prioritizing tasks became essential, and I was fortunate to have great support from my colleagues, which made the transition smoother. Returning to work as a unit HR head was a challenge, but the encouragement from my team and my husband's support have been incredible. I also rely on my hobbies to recharge and stay motivated, which helps me keep everything in balance.





HZL Rescue Team Successfully Contains Chlorine Toner Leak at Kasod Sewage Treatment Plant



Hindustan Zinc's Fire and Rescue team swiftly contained a 900 kg chlorine toner leak at the Kasod Sewage Treatment Plant in Rajasthan in 29 minutes, ensuring community safety.

Hindustan Zinc Collaborates with TERI to Transform Wasteyard into Green Belt



Hindustan Zinc and TERI have transformed 15 hectares of waste yard at Chanderiya Lead-Zinc Smelter into a greenbelt using Mycorrhiza technology. The project, which won the CII National Award for Environmental Best Practices 2021, features 6.25 hectares of native plants and focuses on erosion control and carbon sequestration.



Hindustan Zinc's Uthori Campaign Impacts Over One Lakh Lives



On Women's Equality Day, Hindustan Zinc celebrated the Uthori initiative's impact on over one lakh people across 120 villages. Recently, 77 Sakhi Didi's educated over 11,000 students in 180 schools on menstrual health, fostering open discussions and advancing gender equality and health education.

Nearly 6000 Rural Youth Secure Jobs Through HZL's Youth Skilling Program



For International Youth Day, Hindustan Zinc celebrates Zinc Kaushal Kendra's success with nearly 6,000 rural youth employed and over 7,100 trained since 2019, including 40% women.



Zinc Smelter Debari's 'The Book Kosh' Drive Brightens Young Minds



Zinc Smelter Debari's 'The Book Kosh' initiative collected 253 books from employees and their families, donating them to the Sakroda Sr. Sec school's library. The event included a session by Mrs. Shikha Behl, Founder of Nalanda Skill Wings, highlighting the importance of reading in the digital age.

Zinc Football Community Achieves Major Milestones in National and International Tournaments

Eighteen young talents from the Zinc Football Community Schools made notable progress in recent tournaments. Paridhi Sahu led Rajasthan to its first Junior Girls Championship in 60 years, while Sahil Meena reached the Junior Boys quarterfinals. Eleven Udaipur players competed, with Parveen Meena earning a spot in the national camp. Additionally, ZFA's Mohammed Kaif and Prem Hansdak were selected for India's U17 squad for international friendlies in Bali. Kaif, the first Rajasthani in 40 years at the SAFF U16 Championship, and Hansdak, who scored 19 goals in 12 AIFF U17 Youth League matches, highlight the Academy's global rise.



Paridhi Sahu



Prem Hansdak



Mohammed Kaif

CELEBRATIONS



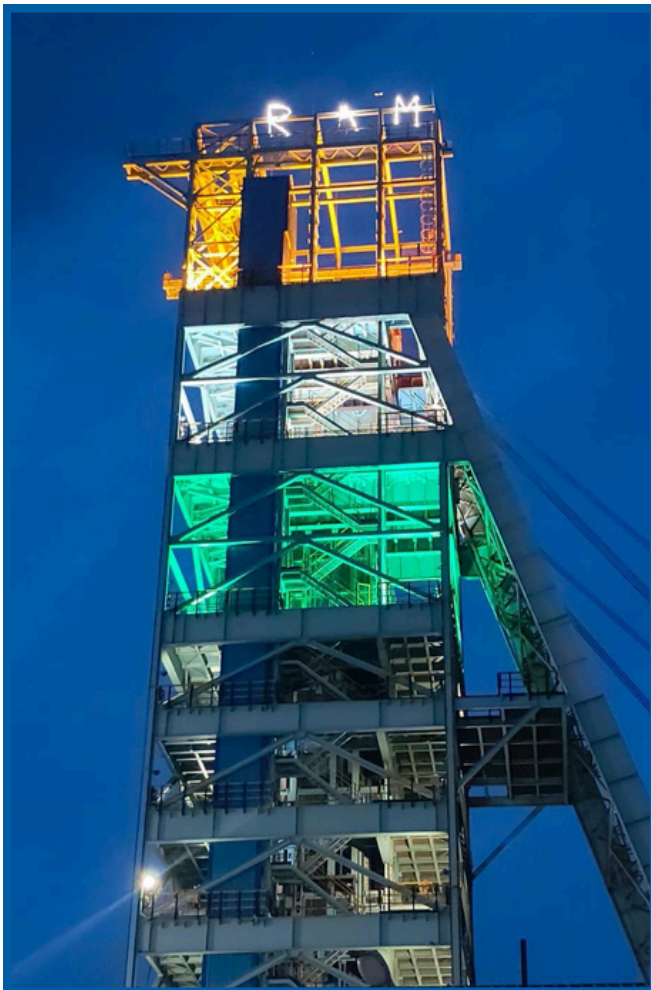
Glimpses of Independence Day Celebrations across our Operational Units in Rajasthan & Uttarakhand



Udaipur, HO



Rampura Agucha



Rampura Agucha



Zawar Group of Mines



Rajpura Dariba Complex



Pantnagar Metal Plant

CELEBRATIONS



Hindustan Zinc Celebrates Janmashtami's Vibrant Spirit Across Operational Units



Rampura Agucha



Zawar Group of Mines



Rajpura Dariba Complex



Zawar Group of Mines



Rampura Agucha

AWARDS & RECOGNITION



HINDUSTAN ZINC
Zinc & Silver of India



Zinc Kaushal Kendra Shines with Excellence Award



Hindustan Zinc Shines at IUFRO World Forestry Congress 2024



DGMS Applauds HZL at All India Mine Safety Awards for Safety Excellence



5 - Star Rating from the Indian Bureau of Mines (IBM) for Exemplary Sustainable Practices





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Zinc & Silver of India

LIFE IN ZINC CITY

Countdown to the Run of the Year!

On September 29, 2024, Udaipur is set for its first-ever marathon! Get ready to mix stunning views with thrilling runs. Here's why this event is going to be the city's big buzz! See you at the starting line!

1



The Big Debut:

Make history with Udaipur's very first marathon, turning the City of Lakes into a marathon hotspot!

2



Course of Dreams:

Run by the majestic Fateh Sagar Lake and through charming streets, combining scenic beauty with the thrill of the race.

3



Scenic Selfie Spots:

Capture stunning views of Udaipur's landmarks and lush Aravalli hills along the marathon route.

4



Monsoon Magic:

Enjoy Udaipur's vibrant monsoon beauty, with rain adding a magical touch to your run.

5



Run For A Cause:

Support the Zero Hunger initiative with every step, giving purpose to your marathon journey.

6



Make History:

Be part of a legendary marathon, leaving your mark on a city rich in history and vitality!





HINDUSTAN ZINC
Zinc & Silver of India

LIFE IN ZINC CITY

Countdown to the Run of the Year!

ZINC
COMICS



REGISTRATIONS

LIVE NOW!

**"BACHPAN SE HI NAA... MUJHE MARATHON
KARNE KA BAHUT CRAZE HAI, BY GOD!"**



**29TH SEPTEMBER
REGISTER NOW!!**

REGISTER HERE

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