

THE MONTHLY HOUSE JOURNAL OF HINDUSTAN ZINC

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#1 Overall in Asia Pacific

At S&P Global ESG Score 2022**

** Ranking is provisional as 27% of companies invited for S&P ESG Indices awaits their ESG Score

ISSUE FOCUS

HINDUSTAN ZINC RANKS AMONG THE TOP 3 SUSTAINABLE COMPANIES GLOBALLY

INDIA'S LARGEST & 1st UNDERGROUND 51st ALL INDIA MINES RESCUE COMPETITION

Dear Colleagues,

It is a time to rejoice with the latest S&P Global ESG scores coming in and placing our commitment to a sustainable future with global recognition. Last year, we moved from 7th to 5th globally in the Metal & Mining sector. This year, we moved from 5th to 3rd globally through our sustainability efforts. These efforts go beyond the organisational framework and encompass the communities around our operations. Our sustainability commitment continues to strengthen as we invest in new innovative technologies.

This past month we also had a chance to witness India's biggest & largest underground mining event. With teams coming from different parts of the country and showcasing their rescue skills to the world led to the event's glorifying success. The 51st All India Mines Rescue Competition provided a platform for the 18 participating companies to exchange best safety practices and ideas with each other by setting benchmarks. The agility of the rescue professionals makes mining safer.

As we now move towards the end of this year, it is time to reflect on our learnings, mistakes, & successes and prepare for the next year with enthusiasm to grow & bring out the best in ourselves and for the entire #ZincParivar.

Thanks,
Arun Misra
CEO - Hindustan Zinc



Click the icon to engage
with our CEO on Twitter:





At Hindustan Zinc, we are constantly working towards strengthening our sustainability focus by delivering on well-defined goals and progressing on a sustainable value-accretive journey. Our efforts are being recognized as we are ranked 3rd Globally and 1st in the Asia Pacific region in the S&P Global Corporate Sustainability Assessment 2022. We have retained our top ranking in the Asia Pacific region for the 4th consecutive year and moved from 5th to 3rd globally through our sustainability efforts.

The recent ranking is testimony to our commitment to reducing carbon footprint, safe operations and optimal use of natural resources as part of our well-defined Sustainability Goals 2025. Our company bagged a remarkable score of 80 during the Corporate Sustainability Assessment which improved from 77 last year. The score helps us to measure our progress in meeting sustainability objectives and aim for a higher score next year.

Our strong focus on delivering excellence through the best practices adopted by the entire Zinc Parivar has led us to be awarded by CAP 2.0, S&P Global Platts Awards, GreenCo Certification, CII National 5S Excellence Award, Bhamashah Award and many more.

[READ MORE](#)

HINDUSTAN ZINC HOSTS INDIA'S LARGEST & 1st UNDERGROUND 51st ALL INDIA MINES RESCUE COMPETITION

Hindustan Zinc had the opportunity to host the 51st All India Mines Rescue Competition under the aegis of DGMS at Rajpura Dariba Complex. The 5 days event from 14th-18th November, 2022 witnessed the highest participation with 26 teams from 18 companies across India. The event was historical as the first women engineer to be trained in rescue operations, Akansha Kumar from Central Coalfields Limited was recognized. The competition had winners in two categories of Coal and Metal Sector. In the Metal sector, Hindustan Zinc Limited's Team A emerged as the overall winner in the Metal Sector and Singareni Collieries Company Limited's Team A emerged as the overall winner in the Coal Sector.

The event was graced by Honourable Director General, DGMS - Shri Prabhat Kumar. Also, present were CEO, Hindustan Zinc - Arun Misra, DDG North Western Zone, Udaipur - R. T Mandekar, Director of Mines Safety Western Zone, Nagpur - B. P. Singh, Dariba Khaan Majdoor Sangh General Secretary - K. S. Shaktawat, Head CoE Mining, HZL - Praveen Sharma, IBU CEO, Rajpura Dariba Complex, HZL - Vinod Jangir & other dignitaries, to name a few.



51st ALL INDIA MINES RESCUE COMPETITION

“Prioritizing Safety inside & outside mines is one of the important parameters for the development of the country. Strengthening the safety framework for mine owners and operators is core to our vision at DGMS. Every year, DGMS celebrates Safety Week where different companies travel to their peer company where they exchange learnings revolving around safety. Platforms such as All India Mines Rescue Competition provides an opportunity to different companies to come together, exchange Best Practices, ideas and help each other to enhance safety at operations by setting benchmark.

SHRI PRABHAT KUMAR, DIRECTOR GENERAL, DGMS



“The 51st All India Mines Rescue Competition was an excellent opportunity for everyone to learn and develop new rescue skills and receive comprehensive training. The collaboration among all teams and their members to ensure safety was truly heartening to observe. Such events are imperative for the industry to come together, remain agile and benchmark best practices. Hindustan Zinc was proud to host the largest-ever underground mine rescue competition with the highest participation from the industry and we were glad to see the enthusiastic teams demonstrating their mine rescue skills.

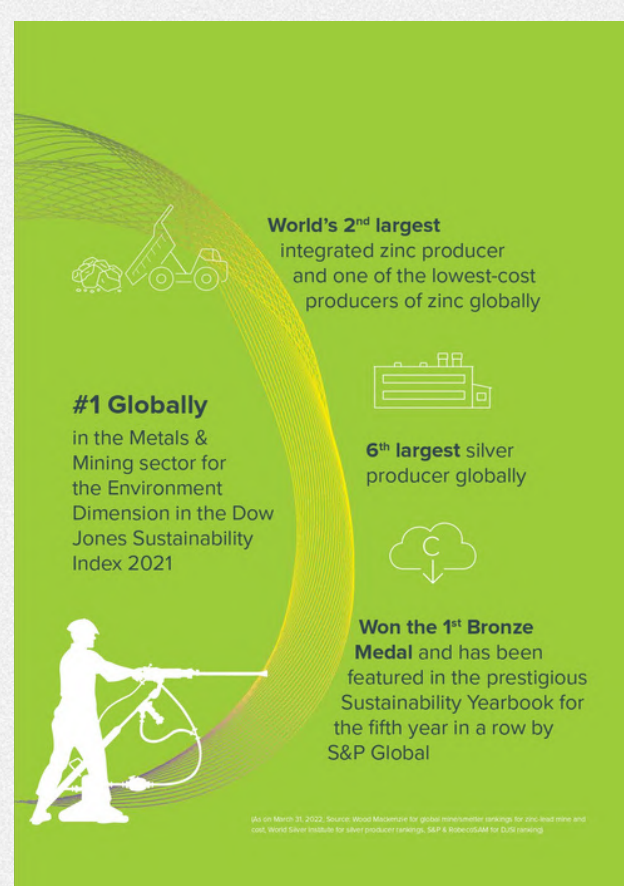
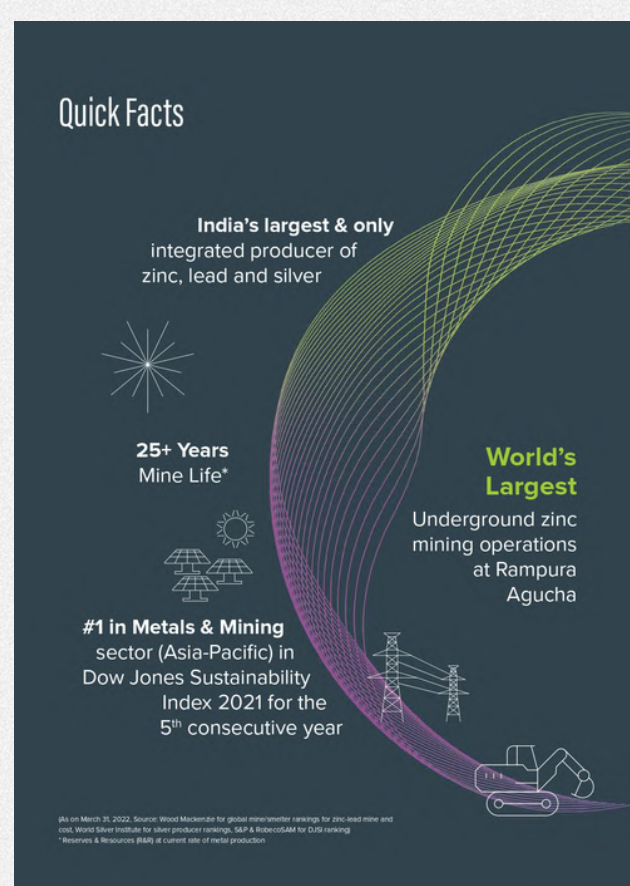
ARUN MISRA, CEO, HINDUSTAN ZINC

INTEGRATED ANNUAL REPORT FY21-22 RANKED #40 WORLDWIDE AND BAGGED GOLD AWARD AT THE LEAGUE OF AMERICAN COMMUNICATIONS PROFESSIONALS

Annual report is the product of countless hours of hard work and dedication from a multitude of stakeholders. It is aimed at providing the reader with a comprehensive insight into the operations, processes, ESG practices, technological advancements, CSR interventions, mission, vision and values of the Company.

It is a moment of great joy and pride for all of us that Hindustan Zinc's Integrated Annual Report FY21-22 was recognized and appreciated at the 2022 League of American Communications Professionals (LACP) Spotlight Awards, colloquially also known as the Oscars for communications materials. Amongst tough competition from more than hundreds of entries received from nearly 20 countries across 4

continents, our Integrated Annual Report for FY 2021-22 secured the 40th rank worldwide among the Top 100 Communication Materials, as well as bagged the Gold for Excellence award within the report's competition class.



9th ANNIVERSARY OF AAROHAN JOURNEY

SAFETY

Aarohan Journey has helped us to build strong foundation where the entire Zinc Parivar is working towards the vision of 'Zero Harm'. This year marks the 9th anniversary of Aarohan with Hindustan Zinc. It was celebrated across our business units to reinforce our commitment towards Safety Excellence through Roko-Toko campaign, R&R ceremony, Slogan Writing competition, Plantation Drive and Safety Interaction by all senior leaders.



VIHAN - EVERY STEP, SAFE STEP

SAFETY

To strengthen the safety framework, we at Hindustan Zinc, have launched Vihan - Every Step, Safe Step. It is a Critical Risk Management initiative to identify early signs of hazards and implement safety measures. The initiative was launched at Rajpura Dariba Complex. During the launch, CEO Arun Misra motivated our Zinc Parivar to dedicate few hours of the day to transform the safety culture of the unit in order to achieve our vision of Zero Harm.



HINDUSTAN ZINC IS A PROUD #COP27BUSINESSLEADER

ENVIRONMENT

COP27 is a global platform where delegates from 197 nations interact and engage with each other to discuss issues related to climate change. As a COP27 Business Leader, we have committed to our Net Zero goal by 2050. We have submitted our updated ambitious science-based near-term and long term target for approval to SBTi.



NDRF EMERGENCY RESPONSE TRAINING ON DISASTER MANAGEMENT

SECURITY

Capacity Building Training Programme on Disaster Management was inaugurated at our Zawar Mines where 27 trainees from across Vedanta Group participated. The programme included classroom training and demonstration on Medical First Response, Collapse Structure Search & Rescue, Fire Management, Chemical and Gas Disaster Management. The focus is to build the capacity of officers so that they may further train the employees to act as first responders and for supporting the response agencies during any disaster.



FIGHTING BACK THE SCARE OF LUMPY SKIN DISEASE THROUGH OUR 'SAMADHAN' PROJECT

AGRICULTURE & LIVESTOCK

Under our Samadhan Project, we have relentlessly taken several initiatives to mitigate the spread of lumpy skin disease and provide timely medical care to diseased cows. We have conducted more than 200 awareness sessions and carried out 6 vaccination drives. The fumigation camps were set up in and around 185 villages which covered 23,000 households. The beneficiaries were reached through 35,000 pamphlets and 24,000 medical kits was distributed.



FOOTBALL LEGEND SUBRATA PAUL & CEO ARUN MISRA FELICITATE ZINC FOOTBALL PLAYERS

SPORTS



The felicitation ceremony was organised at Zawar to celebrate our Zinc Football's sporting and academic excellence. During the event, Subrata Paul and CEO Arun Misra unveiled our new branding identity and logo for Vedanta Zinc Football & Sports Foundation. Zinc Football Academy has given us innumerable reasons to celebrate. Many of the academy players have performed exceptionally well in their board exams which includes Aman Khan, captain of Zinc Football team who emerged as the school topper with 90.8%. Sahil Poonia became the 1st player from Zinc Football Academy to play for India on international level in Sri Lanka and Saudi Arabia.

ZINC KAUSHAL KENDRA'S YOUTH STEP TOWARDS A BETTER TOMORROW

SKILL DEVELOPMENT

Renowned organisations across the sector of Food & Beverage, Security, Retail, Hospitality and General Administration hired the youth of our Zinc Kaushal Kendra. 106 rural & tribal youth under this initiative received their placement. Through our program, we are able to touch the lives of youth with the right kind of skilling opportunities and overall development. The program's prime focus is on enabling the employed youth with opportunities to upskill and pursue a stable livelihood. Under this program, we have so far skilled more than 3,800 youth to become self-reliant and self-entrepreneurs.



BAAL MELA SPREADS SMILES ON THE FACES OF MORE THAN 6000 CHILDREN

CHILD CARE

Children's Day was celebrated across 265 Khushi Anganwadi Centres. Baal Mela was able to bring together the tiny tots from across 5 districts including Chittorgarh, Bhilwara, Ajmer, Rajsamand, and Udaipur. During this celebration, we got to witness fun activities like dance, poem recitation and fancy dress along with other sports activities like Jalebi Race, Lemon Race, etc. The tiny tots actively participated in all the activities with great ardour and joy.



DEAF AND MUTE STUDENTS GET SENSITIZED ABOUT GOOD TOUCH AND BAD TOUCH

AWARENESS SESSION

Under our Jeevan Tarang programme, we at Hindustan Zinc, organized awareness sessions on good touch and bad touch for deaf and mute students from across the schools of Ajmer, Bhilwara & Udaipur. With the rapid increase in the number of child abuse cases, awareness related to consent, safe touch and unsafe touch, has become a vital topic of discussion. With the ideology to build a safe community, more than 350 students from class 1st to 12th were sensitized about their body and touch. The session covered topics such as types of touch, ways to identify good touch and bad touch, the concept of consent and they were encouraged to say 'No' to practices that feels to be invading their personal space.



TALENT HUNT LAUNCHED FOR THE VEDANTA UDAIPUR WORLD MUSIC FESTIVAL

COMMUNITY OUTREACH

Through the talent hunt, we aimed at bringing amateur young musicians to the international platform. The talent hunt targeted the 5 districts of Rajasthan which includes Udaipur, Rajsamand, Ajmer, Chittorgarh and Bhilwara to find young talents through an intense process. The sixth edition of the Vedanta World Music Festival has the underlying theme of "Preservation and propagation of the forgotten musical instruments and traditions of Rajasthan" where the festival focuses on reviving forgotten musical instruments and its artists by encouraging them and giving them a platform. VUWMF 2022 will focus on showcasing Sarangi, to inspire younger generations to follow its legacy. Sarangi is a protected musical tradition by UNESCO.



RAMPURA AGUCHA MINE CONDUCTS SHAKTI-II DRIVE FOR SELF DEFENSE

EMPLOYEE ENGAGEMENT

Security & Women Council of Rampura Agucha Mine organised 'Self Defense & Zumba' session Shakti - II for our women employees which contributed towards the goal of 'Zero Harm'. Mr. Krishna Lohar, a Martial Art Specialist imparted training to help our women to learn basic self-defense moves and further motivated them to carry forward on the journey of self-defense as it is a crucial skill for them.



Hindustan Zinc
#3 Globally in metal and mining companies*
#1 Overall in Asia Pacific
for 4th consecutive year

At **S&P Global ESG Score 2022**



Committed to the progress of our nation
Hindustan Zinc Ranked First

Jury Award
Under Non-Deemed
Corporate Above 5000 Cr



At TIOL National Taxation Awards 2022

Hindustan Zinc
Going Above and Beyond Excellence in Business

Platinum Award by

CII
Confederation of Indian Industry

इंडिया एक्जिम बैंक
India Exim Bank

for Business Excellence 2022

Another Triumph for Rampura Agucha Mine

Vision Beyond Excellence in Quality



9th FICCI Quality Systems
Excellence Awards for Industry



**Zinc Smelter Debari recognized with
Kaizen Championship and one of
the Top Kaizen Contributor award in
CII Cluster Summit 2022**

Hindustan Zinc
Fostering the Spirit of Business & Entrepreneurship in Rajasthan

Kamyaabi
Ka Samman

At BizNEXT Summit 2022
by News 18 & CNBC TV18



Indian Green Building Council (IGBC)

hereby certifies that
Hind Zinc School

Zinc Nagar, Chittorgarh (Rajasthan)

(IGBC Registration No. GS210064)
has successfully achieved the Green School Standards required for
the following level of certification under the
IGBC Green Schools Rating System
(Existing Schools)

Platinum

November 2022

(This certification is valid for next 2 years)

Chandrasekhar N. Gaud
Chairman, IGBC

Ramkishan N. Gaud
Chairman, CII-Godrej IGBC

S. S. Vasudevan
Executive Director, CII-Godrej IGBC



**HINDUSTAN ZINC EMERGED AS THE
OVERALL WINNER IN THE MINING SECTOR AT
51st ALL INDIA MINES RESCUE COMPETITION**

Legendary goalkeeper Subrata Paul felicitates Zinc Football Academy's India U-17 SAFF star Sahil Poonia

Football

Updated on Nov 05, 2022 09:07 PM IST

Legendary goalkeeper Subrata Paul visited Zinc Football Academy (near Udaipur) to felicitate India's SAFF U-17 star Sahil Poonia.



Sahil Poonia (left) with Subrata Paul and Hindustan Zinc CEO Arun Misra.

HINDUSTAN TIMES

BHASKAR



5 दिनों के 100 कुशां का दृष्टिकोण: उज्जैन में बाळ मेला

उज्जैन, 5 नवंबर

बाळ मेला, उज्जैन: उज्जैन में 5 दिनों के बाळ मेला का उद्घाटन आज हुआ। उज्जैन में 5 दिनों के बाळ मेला का उद्घाटन आज हुआ। उज्जैन में 5 दिनों के बाळ मेला का उद्घाटन आज हुआ।

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Hindustan Zinc's Baal Mela spreads smiles on the faces of more than 6000 children across 265 Khushi Anganwadis

Published by [thehindustantimes.com](#) on 5 November 2022



Udaipur: Hindustan Zinc under its Khushi Project organized Baal Mela across 265 Anganwadi Centres where more than 6000 children and their parents from across 5 districts including Chittorgarh, Bhilwara, Ajmer, Rajasamand, and Udaipur came together to celebrate the little, tiny tots and their joyful spirits.

THE TIMES OF UDAIPUR

Hindustan Zinc wins JURY Award under "Non-Deemed Corporate above Rs 5000 Cr Turnover" Category at 3rd TIOL National Taxation awards 2022

Published by [thehindustantimes.com](#) on 5 November 2022



Udaipur: Hindustan Zinc, a Vedanta Group-owned zinc, lead, and silver producer, has been awarded jury award under the "Non-Deemed Corporate above Rs 5000 Cr Turnover" category at the 3rd TIOL National Taxation awards 2022. Hindustan Zinc has the highest number of awards in this category.

On this achievement, Mr. Arun Misra, CEO, Hindustan Zinc, said, "It's a great honor for our organization to be recognized for its tax compliance and transparency. We are committed to maintaining the highest standards of integrity and transparency in all our operations."

THE TIMES OF UDAIPUR

ENERGY-EFFICIENCY:

AN IMPERATIVE FOR INDIA'S RADICAL TRANSFORMATION

Energy-efficiency is the need of the hour given how consumers are finding it relevant. Energy-efficient operations also offer immense benefits to the industry

Schneider Electric
Green Yodha
by [The Economic Times](#)
Energyefficiency@timesgroup.com

Energy-efficiency is India's most-transformative tool that empowers production as well as economic models. Practices such as focusing on renewables and energy-efficiency standards, industries not only boost sustainability but also enable India to take a giant-leap towards achieving its climate assurances.

Energy-efficiency plays a significant part in enabling India's goal of attaining net-zero emissions by 2070 - the short-term goals committed includes 500 GW renewable capacity by 2030; meeting 50% of electricity requirements from renewables; reducing cumulative emissions by one billion tonnes by 2030; and, reducing emissions intensity of India's GDP by 45% by 2030.

India's per-capita emissions at 1.8 tonnes, despite being the most populated country, is lower than China's 7.6 tonnes or the US 14.7

Energy-efficiency is an imperative to manufacturing especially for paper and pulp industries which is a water and resource-intensive sector. We have actively championed plantation drives to reduce the carbon footprint. Such measures result in precious carbon-savings

AS MEHTA
President & Director, JK Paper

Energy sustainability is the need of the hour. In a world where energy is not only energy sustainable but also helps the country achieve its carbon goals. For industries, measuring and reducing their carbon footprint is a key to the green journey

MURKESH ARORA
Business Head, Capital Energy
Schneider Electric

tonnes. Measures such as focusing on solar energy, decarbonisation of the world's population are addressed. Making solar energy affordable, producing energy from fusion, controlling the nitrogen cycle, and repairing and improving urban infrastructure are some of them. New management techniques and concepts must be implemented to greatly enhance mining operations' productivity and consequently boost their competitiveness. The global focus on climate change across industries has seen miners set net-zero pathways but achieving ambitions will require a realistic and balanced strategy. The supply chain is a new entrant to this year's ranking. Global disruption to trade is hitting the sector particularly hard, and in 2023, miners will be under pressure to fast-track the supply chain transformation that was underway before the Covid-19 pandemic. The mining and metals industry is responding to the Central Government's policy renewal. Particularly coal mining is experiencing a resurgence as more mining contracts are being signed following the acceptance of private contractors for commercial coal mining. The country's suppliers of mining machinery and solutions have benefited from this. For the mining policy exploration of the deep-seated minerals needs to be focused on. A lot of work needs to be done and the private sector must play role in exploration too. An expected exponential

Energy-efficiency is the need of the hour given consumer awareness on climate and environment. There is a need for industries to increase their dependency on renewables and open-source systems. Industries must also move faster and get back to the society

DR. MADAN K. KAUSHIK
Senior Director & CEO, Max Healthcare

only long-term commitment from people but also from policymakers and enterprises. With sustainability nuances unfolding around the mass audience, enterprises too have learnt the importance of their contribution in the larger cause. The Economic Times and Schneider Electric took up the cause for 'Building a Greener Economy Together' by enabling leaders from across industries in Delhi to suggest greener practices to enable tomorrow's world.

BOULEVARD OF OPPORTUNITIES
Post the pandemic, enterprises have rethought their strategies towards operating costs. Simple steps such as installing solar panels or cutting carbon-emissions reduce carbon

footprint and yield better operational results. A lean operating process helps conserve energy as well as recycle resources which otherwise would have ended in a landfill. For the industry, hence, sustainability is no longer a keyword, but an approach to increased profitability leveraged from digital transparency. With an increase in urbanisation

PIB POWER GENERATION FROM RENEWABLE SOURCES
1,38,337
51,226
1947 1990 2002 2020
Supply for renewable power has increased 10x in last decade, Source: PIB

and rising cost of power, resource intensive industries such as mining, paper & pulp industries, fertilisers or even manufacturing have resorted to practices such as plantation and conservation of resources. Mining which was once hailed as an energy-guzzling sector has already started the shift from fossil fuels to renewable energy sources.

With a rising cost and demand for energy among the manufacturing sector, there is a need for Indian enterprises to adopt environment-friendly manufacturing processes along with a digital point of view. By leveraging from digital and sustainability technologies, Indian enterprises can manufacture for the world and help the country boost its competitiveness in global trade.

JOINING HANDS FOR GOOD
Schneider Electric India with Green Yodha initiative is encouraging businesses and people to join hands and spread the idea of working towards a greener economy. It is also trying to raise awareness among people so that they commit themselves to the cause along with the communities that they live in. A partnership among people and companies that can align to the national policies and the global needs can drive committed

SCAN QR TO KNOW MORE ABOUT GREEN YODHA

Indian mining industry is ending India's target of 500 GW of green energy by 2030, which is nearly 50% of our thermal capacity. Mining activities have transitioned from fossil-fuel based ones to battery-operated devices enabling energy efficiency

ARUN MISRA, CEO & TPO India
Director, Hindustan Zinc

Indian industry is transitioning away from fossil fuels to reach the country's renewable electricity generation goal of 500 GW by 2030. Several industries are relooking at ways to meet energy efficiency and decarbonisation

GANESH SRINIVASAN, CEO, Tata Power
Delhi Distribution Limited

action. The smallest of the steps from companies and people will begin to matter if the large goal is kept in mind. Ultimately, industries and communities too need to learn from each other for everyone's good. Every measure counts and each step could add to the cause of sustainable development and greener environment. Schneider Electric is calling everyone to become a Green Yodha and join the good fight.

FEATURE - HINDUSTAN ZINC



Our future depends on how well we deal with deeper mining opportunities.

ARUN MISRA
CEO, Hindustan Zinc

What are the latest market trends of mining in India?

In India, mining sector, several new trends are emerging, such as remote operations, health & safety, collaboration, and decarbonisation. These factors will help the mining sector advance through 2022 and beyond by assisting it to meet production targets and maintain competitiveness. Every aspect of mining is being transformed by Industry 4.0, which takes the form of artificial intelligence (AI), the industrial internet of things (IIoT), and data analytics. These technologies improve the visualisation of the entire production cycle, optimise throughput, decrease downtime, and help operators lower their carbon footprint. Additionally, miners have been able to keep up production and safeguard personnel during the pandemic because of digital and automation systems. There is a need to improve reducing the risk for climate change because of the accelerated decarbonisation plan and the increased focus on reporting emissions. Mining and metals companies have become better at managing this challenge over time, but there are still opportunities to improve.

How are mining and mining methodologies evolving in India? How is digitalization picking up in the Indian mining industry?

In India, technology penetration in mine planning and operations continues to be lower than in many leading economies. However, the country's mining industry is heading towards a technology-driven optimization process and envisages the use of progressively bigger-sized equipment. There are two types of mining techniques - surface/open-pit mining and underground mining. Surface mining is more prevalent and produces most of the metallic ores and minerals (excluding petroleum and

natural gas) in the country while the share of underground mining has been declining owing to huge capital requirements, long gestation periods, high manpower costs, and the non-availability of indigenous equipment.

Mining industry in India has been dominated by surface mining. However, due to various challenges presented by surface mining, the move towards underground mining is considered inevitable. This presents an opportunity for players to enter the market with underground mining technology. By bringing together data from on-field physical assets and enabling off-field remote and virtual access, mining companies can improve their abilities to analyze real-time information; augment their digital capacities; and create platforms to integrate their data, analytics, and workflows. Enhanced digitization and remote support of work activities offer an opportunity to take a more integrated view of assets, business units, and the organization as a whole. For the first time, many organizations have the breadth and depth of visibility into their operations needed to focus on driving system-level thinking and performance.

How is underground mining gaining prominence in India? What kind of equipment & solutions do you employ?

In India, underground operations are transitioning from conventional to autonomous. Soon, there will be hardly any deposits left near the surface, and hence the underground operation will become more prominent. Our future depends on how well we deal with deeper mining opportunities. With the most recent technological advances, we now have access to more capable intelligent machinery with moderately and completely automatic capabilities, allowing us to operate with the least amount of manual interference, higher safety, efficiency, and productivity. IIoT and digital technologies

are crucial technological innovations that have the potential to pay off greatly since they boost productivity and efficiency while also enabling real-time tracking of people and equipment. We anticipate making broad use of technology as a significant game changer. We have quickly adapted to the latest technologies to stay competitive and are supported by world-class OEMs like Sandvik, Epiroc, Normet, etc. Our target here in Hindustan Zinc is to become completely green after 2030, which is one of the biggest challenges that every industry faces. This is more so for us as we operate underground mining and smelting, which are hazardous processes.

What are the challenges encountered in the current mining scenario? What opportunities do you foresee after the revival of the mining policy?

The mining industry's biggest challenges to providing the growing demand for minerals from the world's population are addressed. Making solar energy affordable, producing energy from fusion, controlling the nitrogen cycle, and repairing and improving urban infrastructure are some of them. New management techniques and concepts must be implemented to greatly enhance mining operations' productivity and consequently boost their competitiveness. The global focus on climate change across industries has seen miners set net-zero pathways but achieving ambitions will require a realistic and balanced strategy. The supply chain is a new entrant to this year's ranking. Global disruption to trade is hitting the sector particularly hard, and in 2023, miners will be under pressure to fast-track the supply chain transformation that was underway before the Covid-19 pandemic. The mining and metals industry is responding to the Central Government's policy renewal. Particularly coal mining is experiencing a resurgence as more mining contracts are being signed following the acceptance of private contractors for commercial coal mining. The country's suppliers of mining machinery and solutions have benefited from this. For the mining policy exploration of the deep-seated minerals needs to be focused on. A lot of work needs to be done and the private sector must play role in exploration too. An expected exponential

increase in demand for essential minerals has caused the current geopolitical situation to raise numerous red flags regarding trade protectionism and mineral asset swaps worldwide. The same puts us on edge and necessitates a sharpening of concentration. Add this to India's internal obligations and climate commitments, India spends a meagre and conservative \$170 mn yearly on exploration, which is overwhelmed by expenditures of over \$1 bn by the United States, Australia, and Canada. The global exploration budget is \$11.3 bn.

What are your plans for enhancing mining operations? What kind of advanced equipment and technologies will be added for this?

The future of mining work involves not only introducing new technology but also thinking about the roles they will play and how work will look in a new organisation that incorporates these new technologies. Moving towards integrated operations centres, or 'mine centres', which assist in guiding decision-making across the value chain and reducing fragmented actions, will require mining businesses aiming to capitalise on these developments to take the future of work into account. The advanced equipment and technologies will allow more research and development in the mining industry, which includes look-ahead technologies, cutting and fragmentation, and ground control. Look-ahead technology allows for the detection and prevention of unexpected features and events, as well as the installation of engineering safeguards to prevent accidents and equipment damage. Frequent changes in the geology of the ore body, such as the narrowing or spreading of the mineral strata, would also have significant economic benefits. The improvement of blast designs and the creation of hard rock cutting techniques and instruments are suggested areas for cut-and-fill and fragmentation research and development. The mining and underground construction companies would both benefit from research on the development of more mobile, quick, and reliable hard rock excavation. The goal of ground control is to engineer mining structures for intended uses using the knowledge and the laws of rock mechanics. Massive underground mine pillar failures, severe coal & rock bursts, open-pit slope failures, and roof and side falls are all examples of unanticipated system failures that fall short of the design requirements. Environmental issues associated with mining, such as slope instability, impoundment failures, and subsidence also highlight the need for greater consideration of the long-term impacts of ground control on mine closures and facility design.

The future of mining work involves not only introducing new technology but also thinking about the roles they will play.

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CONSTRUCTION TIMES

Hindustan Zinc in top 3 sustainable companies in metal-mining sector

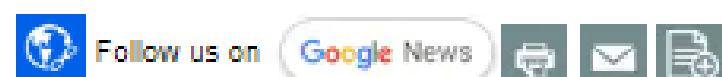
With the latest rankings, the company has also retained its top ranking in the Asia Pacific region for the 4th consecutive year

Topics

Hindustan Zinc | Mining industry | S&P global Ratings

Press Trust of India

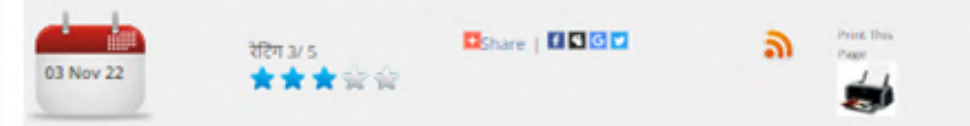
Last Updated at November 22, 2022 19:50 IST



BUSINESS STANDARD

हिंदुस्तान जिंक की समाधान परियोजना के तहत लंपी रोग से पशुधन बचाने में किया सहयोग

(Read 5/10 Times)



185 गांवों में पशुमित्रान एवं 24,000 से अधिक औषधीय फिट वितरित

लंपी रोग के बचाव एवं प्रसार को रोकने लिये वेदांता समूह की सीसा, जस्ता और चांदी उत्पादक कंपनी हिंदुस्तान जिंक द्वारा पशुधन को बचाने हेतु सहयोग किया गया। प्रदेश के 5 जिलों अजमेर, भीलवाड़ा, चित्तौड़गढ़, राजसमंद और उदयपुर के 185 गांवों में पहल कर फिट वितरण से 1 लाख से अधिक पशु लाभान्वित हुए।

लंपी रोग के बचाव एवं प्रसार को रोकने लिये वेदांता समूह की सीसा, जस्ता और चांदी उत्पादक कंपनी हिंदुस्तान जिंक द्वारा पशुधन को बचाने हेतु सहयोग किया गया। प्रदेश के 5 जिलों अजमेर, भीलवाड़ा, चित्तौड़गढ़, राजसमंद और उदयपुर के 185 गांवों में पहल कर फिट वितरण, पशुमित्रान और जलसफाई अभियान से 1 लाख से अधिक पशु लाभान्वित हुए।



हिंदुस्तान जिंक की समाधान परियोजना के तहत जिला प्रशासन और पशुपालन विभाग के साथ मिलकर लंपी रोग की गंभीर स्थिति को निवारित करने के लिए इसके प्रारंभ से ही पहल की गयी।

ऑन ग्राउंड टीम ने सीसा गैरट पीसा की जगहों पर अभियान चलाया जो वायरस से बचाव में 100 प्रतिशत प्रभावी साबित हुए हैं। इसके अलावा, जिला पशु पालन विभाग के मार्गदर्शन में, चित्तौर आवासीय किए गए, जिसमें लगभग 185 गांवों में लगभग 23,000 घरों में साइपरसैफिन और हाइपोक्लोरिडर पोत का छिड़काव किया गया।

इसके अतिरिक्त, 24,000 से अधिक औषधीय फिट वितरित किए गए और ग्रामीणों को मरिचिखी पर वायरस संक्रमण के प्रभावों के बारे में ग्रामीणों को शिक्षित करने के लिए हिंदुस्तान जिंक के एज-आईसी और एज-आईओ के माध्यम से गांव स्तर पर लगभग 200 जलसफाई घर आयोजित किए गए।

समाधान परियोजना हिंदुस्तान जिंक के सीएसआर की पहल है जो 2016 से बायस्क के सहयोग से संचालित की जा रही है। कृषि और पशुपालन के बारे में गुणवत्ता सहायता और जानकारी प्रदान कर इसके माध्यम से किसानों को लाभान्वित किया जा रहा है। परियोजना एकीकृत कृषि प्रणालियों और पशुधन विकास के माध्यम से निर्धारित परिवारों के लिए स्थानीय आजीविका सुनिश्चित करने का प्रयास करती है। हिंदुस्तान जिंक को एंज-आईसी सीसा गैरट मेटल अवार्ड 2022 के कॉर्पोरेट सोशल रिसपॉन्सिबिलिटी अवार्ड से सम्मानित किया गया है।

PRESS NOTE

India's Largest and 1st Underground 51st All India Mines Rescue Competition Concludes at Hindustan Zinc Under the Aegis of DGMS

Saturday, November 19, 2022 11:26AM IST (5:56AM GMT)



Overall Coal category winner Singareni Collieries Company Limited Team A and Overall Metal category winner Hindustan Zinc Limited Team A

BUSINESS WIRE

Rajsamand: वेदांता समूह की जस्ता, सीसा और चांदी उत्पादक कंपनी हिंदुस्तान जिंक की मेजबानी में आयोजित 51वीं अखिल भारतीय खनन बचाव प्रतियोगिता का आगाज मंगलवार से हो गया है। कंपनी के राजपुरा दरीबा परिसर में खान महानिदेशालय के तत्वावधान में सिन्धेसर खुर्द खदान में प्रतियोगिताओं का आयोजन होगा। यह सबसे बड़ी भूमिगत खनन प्रतियोगिता है जो माइन रेस्क्यू में डिजिटल इंटरवेंशन पर आधारित है।

इस 5 दिवसीय प्रतियोगिता में 18 विभिन्न खनन कंपनियों की कुल 26 टीमों भाग ले रही हैं। बता दें कि 26 टीमों प्रतिष्ठित कोयला कंपनियों जैसे कोल सक्सिडियरी मेसर्स बहर्ट कोकिंग कोल लिमिटेड, मेसर्स सेंट्रल कोलफील्ड्स लिमिटेड, मेसर्स ईस्टर्न कोलफील्ड्स लिमिटेड, मेसर्स महानदी कोलफील्ड्स लिमिटेड, मेसर्स वेस्टर्न कोलफील्ड्स लिमिटेड, मेसर्स साउथईस्टर्न कोलफील्ड्स लिमिटेड, मेटल कंपनियों से, मेसर्स हिंदुस्तान कॉपर लिमिटेड, मेसर्स मैंगनीज और इंडिया लिमिटेड, मेसर्स हिंदुस्तान जिंक लिमिटेड, मेसर्स यूरेनियम कॉर्पोरेशन ऑफ इंडिया टीम इस प्रतियोगिता में हिस्सा ले रही हैं।

इस आयोजन के बारे में हिंदुस्तान जिंक के मुख्य कार्यकारी अधिकारी अरुण मिश्रा ने बताया कि हम सबसे बड़े भूमिगत खनन प्रतियोगिता की मेजबानी कर प्रसन्न हैं, जिसमें खनन उद्योग के सर्वोत्तम कंपनियों की भागीदारी होगी। माइन रेस्क्यू किसी भी माइनिंग ऑपरेशन का सबसे महत्वपूर्ण हिस्सा है। माइन रेस्क्यू टीमों की तैयारी के स्तर से किसी भी बचाव और रिकवरी

ZEE NEWS

हिंद जिंक स्कूल को इंडियन ग्रीन बिल्डिंग काउंसिल द्वारा प्रतिष्ठित प्लेटिनम प्रमाणपत्र

Udaipurwale.Com 11 Nov 24, 2022



इको-एडुकेशन, हेल्थ और हाइवीन के लिए आईजीबीसी से ग्लोबल सीडरशिप

हिंदुस्तान जिंक अपनी राष्ट्रीय पहल के साथ भविष्य का नेतृत्व एवं कार्बन फुटप्रिंट में कमी लाने के लिए प्रतिबद्ध है। कंपनी के हिंद जिंक स्कूल को इंडियन ग्रीन बिल्डिंग काउंसिल, आईजीबीसी से ग्लोबल सीडरशिप प्रमाणित दी गयी। यह संस्था के केवल दो प्लेटिनम प्रमाणित में से शीर्ष स्कोरिंग स्कूलों में से एक है। इसी ग्रीन बिल्डिंग परियोजनाओं के माध्यम से वैश्विक ग्रीन बिल्डिंग के रूप में भारत में वितरण के लिए सम्मानित किया गया है।

Published by thetimesofindia.com on November 10, 2022

Tags Categories

vedanta
transforming for good

UDAIPUR WORLD MUSIC FESTIVAL

उदयपुर, राजसमंद, भीलवाड़ा, चित्तौड़गढ़, और अजमेर की संलग्न प्रतिभाएं बन सकने की पहल की गयी है। हिंदुस्तान जिंक के सहयोग से आयोजित वेदांता उदयपुर वर्ल्ड म्यूजिक फेस्टिवल में प्रस्तुति

उदयपुर: इस के सबसे बड़े पशु म्यूजिक फेस्टिवल के 30 से अधिक संगीत प्रतियोगिताओं को अजमेर और अजमेरियन संग प्रदान करने के उद्देश्य से वेदांता टैलेंट हट की शुरूआत हुई है। प्रतियोगिताओं को अजमेर में 25 गांवों में प्रस्तुत किया गया। फेस्टिवल को हिंदुस्तान जिंक के सहयोग से आयोजित वेदांता उदयपुर वर्ल्ड म्यूजिक फेस्टिवल में प्रस्तुति का गौरव मिलेगा।

यह पशु म्यूजिक फेस्टिवल का अजमेर लॉन्चिंग हिंदुस्तान जिंक के मुख्य प्रयोजन से किया जा रहा है। फेस्टिवल के 30 से अधिक संगीत प्रतियोगिताओं को अजमेर के अजमेरियन संग पर लाने का एक प्रयास है। टैलेंट हट के माध्यम से युवा प्रतिभाओं को लाने के लिए उदयपुर, राजसमंद, अजमेर, चित्तौड़गढ़ और भीलवाड़ा के प्रतिभाओं को लाने का प्रयास है। टैलेंट हट में भी और उदयपुर में लगभग 12 से 200 वर्ष की आयु की प्रतिभाओं को लाने के लिए अजमेर में लाने की पहल की गयी है। फेस्टिवल के अजमेर लॉन्चिंग हिंदुस्तान जिंक के सहयोग से आयोजित वेदांता उदयपुर वर्ल्ड म्यूजिक फेस्टिवल में प्रस्तुति का गौरव मिलेगा।

फेस्टिवल के एक फेस्टिवल का बचाव किया जाएगा। फेस्टिवल को अजमेर की ओर लाने के लिए टैलेंट हट की पहल की गयी है। फेस्टिवल के अजमेर लॉन्चिंग हिंदुस्तान जिंक के सहयोग से आयोजित वेदांता उदयपुर वर्ल्ड म्यूजिक फेस्टिवल में प्रस्तुति का गौरव मिलेगा।

फेस्टिवल के अजमेर लॉन्चिंग हिंदुस्तान जिंक के सहयोग से आयोजित वेदांता उदयपुर वर्ल्ड म्यूजिक फेस्टिवल में प्रस्तुति का गौरव मिलेगा।

THE TIMES OF UDAIPUR

सिएसआर: मुख्यमंत्री ने किया वेदांता पिक सिटी हाफ मैराथन का पोस्टर विमोचन

18 डिसेंबर को वेदांता के राजपुरा दरीबा हाउस के लॉन्चिंग गैलरी में आयोजित

18 डिसेंबर को वेदांता के राजपुरा दरीबा हाउस के लॉन्चिंग गैलरी में आयोजित

हिंदुस्तान जिंक के मुख्य कार्यकारी अधिकारी अरुण मिश्रा ने इस अवसर पर मुख्यमंत्री अशोक गहलोत वेदांता पिक सिटी हाफ मैराथन को लॉन्च करने के लिए धन्यवाद दिया।

आज की सुबह की शुरुआत में वेदांता के राजपुरा दरीबा हाउस के लॉन्चिंग गैलरी में आयोजित वेदांता पिक सिटी हाफ मैराथन का पोस्टर विमोचन का आयोजन किया गया। वेदांता के मुख्य कार्यकारी अधिकारी अरुण मिश्रा ने इस अवसर पर मुख्यमंत्री अशोक गहलोत वेदांता पिक सिटी हाफ मैराथन को लॉन्च करने के लिए धन्यवाद दिया।

वेदांता के मुख्य कार्यकारी अधिकारी अरुण मिश्रा ने इस अवसर पर मुख्यमंत्री अशोक गहलोत वेदांता पिक सिटी हाफ मैराथन को लॉन्च करने के लिए धन्यवाद दिया।

INDIA CSR

UDAIPUR WALE

SHUTTERBUG



Paresh Gajjar from Rajpura Dariba Complex, located at the Rajsamand district of Rajasthan captures the **changing shades of nature**

Turning Passion into Success with Perseverance



ZINC PARIVAR'S STORY OF DISCIPLINE, DEDICATION AND DETERMINATION

CHILDREN'S DAY



HEAD OFFICE



CHANDERIYA



PANTNAGAR



KAYAD



AGUCHA



DEBARI

FROM THE EDITOR'S DESK

Dear Colleagues,

As New Year is around the corner and we all being in high spirits to bring it in with new goals, achievements & inspiration, it's important for me to express my deepest appreciation to you all for extending contributions, inputs and support throughout.

We will all agree that the month of November has been eventful at Hindustan Zinc, hosting the 51st All India Mines Rescue Competition under the aegis of DGMS followed by stepping up to 3rd position Globally & holding on the 1st position in Asia Pacific for consecutively four years by the latest S&P Global Corporate Sustainability Assessment in the metal and mining sector. The ranking is a testimony to our continuous progress to create value and improve lives through sustainable and responsible mining.

As we approach the last month of December, we are bracing ourselves for Vedanta Udaipur World Music Festival and Vedanta Pink City Half Marathon. The lined-up events will certainly be able to refresh us for the new year. The last month of the year gives us an opportunity to reflect and rejuvenate ourselves for new opportunities and challenges. More than concentrating on setting new resolutions, we should take one day at a time and tackle all the obstacles presented by life with composure and optimism.

Being a creature of habit, I would not fail to remind you to be part of our engaging campaigns, which also include KAIZEN for internal audiences, SHUTTERBUG for Instagram, #LifeAtHZL and #GeekofZinc for Zinc Parivar.

With this, let's all brace ourselves for something new that Year 2023 will bring to us.

Happy Reading!

Thanks

Maitreyee Sankhla
Interim Head-Corporate Communications
Hindustan Zinc

Follow HZL on Social Media by clicking these icons:

