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FACOR'S QUARTERLY NEWSLETTER



Mr. Pankaj Sharma

CEO & Whole Time Director

FACOR

Dear Colleagues,

As we close the calendar year 2025 and complete the third quarter of FY 2025-26, I would like to take a moment to reflect on how together, we have continued to move forward with determination, reinforcing our commitment to Transforming for Good.

This quarter was especially significant as we achieved an important sustainability milestone with the successful biochar pilot trial and continued to grow responsibly through the adoption of energy-efficient and future-ready technologies, while strengthening FACOR's industry relations through active participation in global forums.

Operational excellence defined the quarter, with FACOR achieving record production of 10,609 MT and sales of 12,036 MT, reflecting the strength of our integrated operations, and disciplined execution. Our Ostapal Underground Mining Operations also delivered consistent performance, achieving total development of 1,333m till Dec' 25., driven by improved productivity, operational discipline, and a strong focus on safety and efficiency.

Safety remains at the core of everything we do. The Suraksha Sankalp stand-downs conducted during the quarter reinforced our collective responsibility towards safe operations across multiple safety themes. This focus was further strengthened through large-scale mock drills and on-site safety workshops across our plant and mining locations. Our commitment to inclusive growth continued through impactful community initiatives, with notable projects in women entrepreneurship programs and education-focused interventions, creating meaningful and lasting value beyond our operations.

As we look ahead, I encourage each one of you to remember that together, we are not only shaping the company's growth journey but also creating a legacy rooted in care, innovation, and shared prosperity.

Happy reading!

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# BUSINESS HIGHLIGHTS

## FACOR Advances Sustainability with Successful Biochar Pilot Trial

FACOR has completed a pilot trial using Biochar as a sustainable alternative to Coke in ferrochrome manufacturing. Biochar can reduce CO<sub>2</sub> emissions by nearly 5% and allows for carbon sequestration, making it carbon-neutral with lower ash content. Following recommendations from a Life Cycle Assessment, FACOR plans to adopt Biochar, produced through pyrolysis of organic materials, as a cleaner reductant. This initiative supports FACOR's decarbonization efforts and commitment to sustainability.



## New Milestone: FACOR Sets New Production and Sales Benchmark



FACOR achieved a significant operational milestone in December 2025 by recording its highest ever monthly production and sales, underscoring the company's continued focus on efficiency, execution, and operational excellence. During the month, FACOR produced 10,609 MT and achieved sales of 12,036 MT, setting new benchmarks in operational performance.

## FACOR Launches ITMS for Smarter, Safer Logistics

FACOR has rolled out the Integrated Transport Management System (ITMS), enhancing transparency, safety, and digital efficiency across logistics operations. The system enables 24/7 GPS monitoring of chrome and coal trucks with automated alerts for deviations, overspeeding, and tampering. Manless weighbridge operations are now active through RFID readers, boom barriers, and safety sensors, along with automated weighbridge functions across CCP, FPHS, and Ostapal mines. GRN and invoicing processes are streamlined, and vehicle sequencing is improved via jumbo displays.



# BUSINESS HIGHLIGHTS

## FACOR Concludes Its First Cross-Functional Quality Audit Conducted by BALCO Team

FACOR completed its inaugural cross-functional Quality Management Framework audit with the BALCO team, covering plant and mining operations. This audit demonstrated FACOR's dedication to operational excellence and continuous improvement by evaluating existing quality systems and identifying areas for enhancement. The collaboration provided valuable insights to strengthen quality management practices, boost performance, and ensure consistent delivery of high-quality products and services.



## FACOR Concludes 26th MEMC Week and Marks the Beginning of 27th MEMC Week Celebrations



The Annual General Body Meeting recently wrapped up the 26th Mines Environment & Mineral Conservation (MEMC) Week for FY 2024-25, which was hosted by FACOR under the Indian Bureau of Mines. Representatives from various mines across Odisha participated, and FACOR's contributions were highly praised. The 26th MEMC Week was spearheaded by Mr. Muthumari M, supported by Mr. Devraj Tiwari, Mr. Susanta Biswal, along with other executives. The closing ceremony also marked the beginning of preparations for the 27th MEMC Week, set to be hosted by AMNS India Pvt. Ltd., with Shri Arun Kumar as the Chief Guest.

## World Quality Month Celebrations at FACOR

FACOR marked World Quality Month with a series of initiatives aimed at strengthening our culture of excellence. Activities included a refresher training on the Quality Management Framework, an awareness session on Quality Policy and Objectives, a quality quiz competition for FACOR and business partner employees, and an inter-department quality circle competition. These engagements reinforced our collective commitment to continuous improvement and high-quality standards.





# BUSINESS HIGHLIGHTS

## Students Explore FACOR's Operations and Mining with Industrial Visit

FACOR recently hosted educational visits for DAV SDPS Public School and MSc. students from IIT Bhubaneswar. The school group of 30 students and 3 teachers participated in a safety induction before touring the Charge Chrome Plant and Power Plant, where they learned about processes and products. They concluded with a session with FACOR leadership on industrial operations and career paths. Meanwhile, IIT Bhubaneswar students visited the Ostapal Chromite Mines, gaining insights into mining operations and sustainable practices. Both initiatives highlighted FACOR's dedication to education, community engagement, and knowledge exchange between industry and academia.



## Strengthening Industry Partnerships at Samruddha Odisha 2036



FACOR participated in the "Samruddha Odisha 2036" event at Bhubaneswar, showcasing FACOR's commitment to Odisha's industrial growth and emerging opportunities. Representing FACOR, Mr. Devraj Tiwari, Corporate Affairs Head, engaged with industry leaders, policymakers, and stakeholders across key sectors, highlighting the company's contribution to mineral-based industries and sustainable development in the state. The event provided a valuable collaborative prospect aligned with Odisha's vision for 2036.

## FACOR's Ostapal Mines Rescue Team Shines at Zonal Mines Rescue Competition 2025

FACOR's Ostapal Mines Rescue Team secured 2nd place in the Fresh Air Base Work category at the 29th Zonal Mines Rescue Competition 2025, held at MCL Talcher. The event concluded in the esteemed presence of Dr. Shyam Sundar Prasad, Dy. Director General (Mines Safety), Ranchi; Sri A.K. Mishra, Director of Mines Safety, Bhubaneswar Region-I; and other senior officials from the mining industry. This achievement is a testament to FACOR's enduring commitment to safety excellence, teamwork, and preparedness, values that define every aspect of our operations.



# BUSINESS HIGHLIGHTS

## Embracing Inclusion: FACOR Advances Workplace Diversity

FACOR achieved a key milestone in building an inclusive workplace by onboarding seven LGBTQ+ individuals in security roles this year. Five transgender employees have joined the plant location and two at the mine, reinforcing our commitment to equal opportunities and a respectful work environment. Aligned with Vedanta's ESG Goal 8 – Transforming Workplace, this initiative reflects our ongoing efforts to strengthen gender parity, diversity, and inclusion. FACOR aims to further expand LGBTQ+ representation across departments in the coming months.



## Viksit Bharat 2047 & Viksit Odisha 2036: Charting the Path to a Developed Future



Mr. Suniti Dhal (CHRO) represented FACOR at the Viksit Bharat 2047 & Viksit Odisha 2036 event, gathering government and industry leaders at KIIT University to discuss strategies for a developed India and Odisha. The event supports the national initiative Viksit Bharat@2047, aiming to transform India by its 100th Independence anniversary. Odisha aims for a USD 500 billion economy by 2036 and USD 1.5 trillion by 2047, emphasizing inclusive growth and sustainable development.

## FACOR Participates in FIMI Ferro Alloys & Ores Summit

FACOR participated in the FIMI – Manganese/Chrome Ores, EMD, EMM & Ferro Alloys Summit at Vishakhapatnam, joining industry leaders to discuss the future of the ferro alloys sector. Key topics included market trends, chrome and manganese ore beneficiation, and regulatory and operational challenges. Mr. Devraj Tiwari shared valuable insights on industry opportunities and the role of chrome ore in India's industrial growth. The event reinforced our commitment to innovation, collaboration, and sustainable progress.



# ELEVATING SAFETY CULTURE AT FACOR: SURAKSHA SANAKLP

## MONTHLY SAFETY STANDDOWNS



FACOR marked Suraksha Sankalp-28 in October 2025, with a Safety Standdown on the theme of **“Events in Confined Space.”** Mr. Kamod Singh, COO, emphasized that ensuring safety in confined spaces requires adherence to procedures and a proactive mindset. He encouraged teams to remain vigilant, diligently follow standard operating procedures, and foster a culture where safety is regarded as a collective value rather than just a requirement. This served as a powerful reminder of the company's steadfast commitment to operational safety and ongoing improvement.

FACOR observed Suraksha Sankalp-29 in November 2025, focusing on **“Uncontrolled Release of Energy”**. Mr. Kamod Singh, COO, highlighted the company's unwavering focus on safety excellence, encouraging all employees to maintain vigilance, adhere to safety protocols, and continue fostering a culture where safety is prioritized above all operational objectives. The event concluded with a warm Vote of Thanks and the Safety Pledge.



FACOR hosted Suraksha Sankalp-30 in December 2025, centered on **“Fall Of Person or Object from Height”** preventing falls from height and marked the final safety stand down of 2025. Leaders reinforced vigilance, the OHC doctor conducted a World AIDS Day awareness session, and a Nukkad Natak highlighted safe work practices. Employees were also recognised for proactive reporting and safety contributions.





# HSE / SUSTAINABILITY

## Ostapal Chromite Mines Hosts First Aid Competition for A6 Category Mines

FACOR Mines successfully organized the First Aid Competition for A6 Category Mines, as part of the 43rd Annual Mines Safety Week Celebration 2025. The event saw enthusiastic participation, with more than 30 representatives from all underground mines of the Sukinda Valley, including IMFA, JSL, OMC, and FACOR. The competition was evaluated by an experienced jury chaired by Dr. Biswajit Behera (OMC) and Dr. Jagannath Shukla (FACOR). This initiative highlights our collective commitment to strengthening safety preparedness, building first-aid competence, and promoting a culture of safety excellence across the valley.



## FACOR's Trade Test for A5 & A6 Category Mines DGMS 43rd Annual Mines Safety Week 2025



As part of the DGMS 43rd Annual Mines Safety Week Celebration 2025, FACOR organized the Trade Test for A5 and A6 category mines. The event was conducted in the presence of esteemed jury members from IMFA, Tata Steel, JSL, OMC, and Nerbharam Power, with excellent coordination and support from the FACOR team. This Trade Test served as a valuable platform for our shop-floor employees to demonstrate their technical capabilities and reinforce their commitment to safe mining practices. Participants from all mines across the Sukinda Valley actively took part in the evaluation, showcasing their skills, knowledge, and dedication to continuous learning.

## Occupational Health Survey Camp Conducted at Kathpal Dispensary

In alignment with DGMS guidelines on occupational health and safety, FACOR Mines successfully conducted a three-day Occupational Health Survey Camp to enhance awareness on silicosis, its causes, prevention, and the importance of early detection among mine workers. The camp featured expert-led awareness sessions covering Dust control measures, proper use of personal protective equipment, and more. This initiative reflects FACOR's continued commitment to safeguarding the health and safety of its workforce and promoting a culture of proactive occupational health management across all mining operations.



# HSE / SUSTAINABILITY

## Strengthening Safety – 43rd Annual Mines Safety Week

FACOR hosted the 43rd Annual Mines Safety Week at Ostapal and Kalarangiatta Chromite Mines under the aegis of DGMS, Bhubaneswar Regions 1 & 2. This year's theme, "Health and Safety is Priority & Mining is Prosperity," reinforced our commitment to safe, responsible, and progressive mining practices. The week featured safety demonstrations, inspections, awareness drives, and employee engagement activities aimed at strengthening a zero-harm culture.



## Growing Sustainably: FACOR's Organic Vegetable Garden



FACOR has developed an organic vegetable garden focused on sustainable and chemical-free farming practices. Avoiding inorganic fertilizers and pesticides, the initiative uses natural inputs such as vermicompost, neem cake, and cow dung manure to enrich the soil and support healthy crop growth. This eco-friendly approach not only minimizes environmental and health impacts but has also resulted in a bumper harvest of fresh, nutritious winter vegetables, reinforcing FACOR's commitment to sustainability and responsible resource use.

## Lighting the Way with Clean Energy

As part of FACOR's ongoing efforts to promote sustainable infrastructure across operations and surrounding communities, FACOR has integrated solar-powered lighting solutions within its mining premises and beyond. The company has operationalized 37 solar-powered streetlights across mining zones and has further extended the initiative at the community level by installing 745 solar streetlights in nearby areas. Together, these installations ensure reliable illumination through clean solar energy, delivering annual energy savings of 135972 kWh and help avoid 98857 Kg of CO<sub>2</sub> equivalent emissions, while enhancing safety, visibility, and accessibility for employees and local communities alike.





# FACOR STANDS BY: GIVE BLOOD, GIVE LIFE

86 UNITS OF BLOOD DONATED BY EMPLOYEES, BUSINESS PARTNERS, AND FAMILIES



FACOR successfully organized a Blood Donation Camp in collaboration with the Odisha State Centre, Blood Bank, reaffirming our commitment to community welfare and healthcare support. The initiative brought together employees, families, and business partners, creating a strong sense of unity and purpose for a meaningful cause.

The camp witnessed overwhelming enthusiasm and participation, resulting in the collection of **86 units of blood**, which will go a long way in saving lives and ensuring timely availability of blood for patients in need. Beyond the numbers, the drive aimed to raise awareness about the importance of voluntary blood donation and its critical role in healthcare systems. By encouraging a culture of giving, FACOR continues to champion initiatives that make a tangible difference in society.

We extend heartfelt gratitude to all donors and partners whose selfless contributions made this event impactful and inspiring. Their support reflects the values we stand for – compassion, responsibility, and community care. Together, we are building not just a healthier community but a stronger bond of humanity and hope.



# STRENGTHENING EMERGENCY PREPAREDNESS

FACORs readiness on Molten Metal Overflow and Transformer Fire through mock drills



FACOR conducted two emergency mock drills to assess and strengthen our readiness in handling critical on-site situations. Both exercises demonstrated effective coordination, quick response, and strong teamwork across departments. Senior leadership from FACOR, along with Government officials, Ms. Subashree Dipali Muduli, Assistant Director of Factories & Boilers, and Mr. Poren Soren, District Fire Officer, observed both drills, appreciating the efficiency of FACOR's emergency response, and shared valuable recommendations for further improvement.

*First Mock Drill was held on Molten Metal Overflow at 33 MVA Furnace, Charge Chrome Plant, and the second mock drill was held on Transformer Fire at ST-1, FACOR Power Plant.*

*These exercises highlight the importance of preparedness, coordination, and proactive risk management in ensuring workplace safety. Continuous training and mock drills help us strengthen our safety culture and reinforce FACOR's commitment to maintaining a safe and incident-free workplace.*

**Let's continue prioritizing our safety mantra: Suraksha Karein Hum Teen Ki, Swayam, Sathi, Machine Ki!**

# COMMUNITY DEVELOPMENT

## FACOR Kala Kendra Project Strengthened for Women Empowerment

The FACOR Kala Kendra project has been further strengthened to empower women through comprehensive skill development. Building on last year's initiative, the program offers enhanced handicraft and macrame training, enabling participants to master traditional and contemporary craft skills. The initiative supports women in accessing income-generating opportunities and fostering self-reliance. It reflects FACOR's commitment to promoting local craftsmanship, sustainable livelihoods, and the preservation of cultural heritage within the community.



## Observing International Girl Child Day with Menstrual Hygiene Awareness Session



An awareness session on Menstrual Hygiene Management was conducted in celebration of International Girl Child Day, attended by the Gram Panchayat Sarpanch, teachers, and students. The session aimed to promote health, confidence, and empowerment, encouraging dialogue on menstrual health. This initiative has reached over 3,883 girls, demonstrating a commitment to adolescent health, gender equality, and community well-being, advocating for every girl's right to health and knowledge.

## Project Sikha Amrut Pariyojna: FACOR Conducted a 5-Day Winter Camp

Under the umbrella of FACOR's Education project, FACOR organized a vibrant 5-day Winter Camp at the community school. The camp provided students with various engaging activities, including: Yoga, Singing & Dancing, Poster making, Nature walks, Sports, Arts & Crafts, and other Group activities. Additionally, students celebrated World Soil Day by raising awareness about soil conservation. The camp culminated in a ceremony featuring poem recitations, a talent showcase, and prize distribution across 21 different events.





# COMMUNITY DEVELOPMENT

## A Step Towards a Brighter Future: Teaching & Learning Materials Distribution for Students

FACOR extended its support to education by distributing essential Teaching Learning Materials (TLM), including books, notebooks, school bags, and shoes, to the students of Ostapal and Kathpal schools. This initiative ensures that 176 students across both schools are well-equipped with the resources they need to actively participate in their education and excel in their learning journey. The distribution drive was held in the presence of Mr. Ajaya Patra, Mines Manager, FACOR, and was warmly welcomed by the school community as a step towards empowering young learners



## Green Initiative Promotes Environmental Awareness in Local Communities



As part of a comprehensive green initiative aimed at fostering environmental awareness, a total of 310 saplings were distributed across government schools and within the communities of Rampur and Ramkrishnapur Gram Panchayat. This effort was designed to engage students in the important task of nurturing our environment. The drive not only encouraged active participation in plantation activities but also instilled a sense of ecological responsibility among the participants.

## FACOR Celebrates International Literacy Day with Emphasis on Digital Skills

In celebration of International Literacy Day, FACOR took the opportunity to emphasize the crucial role literacy plays in modern society and organized a series of basic computer training sessions tailored specifically for students. These sessions were designed to underscore the significance of digital skills in today's interconnected world, demonstrating how they can effectively bridge knowledge gaps. By equipping students with these essential skills, FACOR aims to prepare them for a future rich with opportunities.



## AWARDS AND RECOGNITION



**KALINGA SAFETY EXCELLENCE AWARD (GOLD CATEGORY)-  
EXCELLENT PERFORMANCE IN SAFETY FRONT**



**TECHNOLOGY DEVELOPMENT IN HR AWARD UNDER THE DIGITAL  
TRANSFORMATION IN HR CATEGORY BY HR ASSOCIATION INDIA**

## LIFE AT FACOR





# MEDIA

## ନିରନ୍ତର ଉର୍ଜା ସୃଷ୍ଟି କରୁଛି ଫେକର



କଟକ, ୧୩/୧୨(କମିସ): ଭାରତର ପ୍ରମୁଖ ଫେରୋ ଆଲୟ ଉତ୍ପାଦକ ଫେକର ଆଲୟ କର୍ପୋରେସନ ଲିମିଟେଡ୍ ନିରନ୍ତର ଉର୍ଜା ସୃଷ୍ଟି ପ୍ରୟାସ ମାଧ୍ୟମରେ ଶୂନ୍ୟ ଘାଟକୁ ଉନ୍ନତ କରିବାକୁ ଚାହୁଁଛି । ଏହି ଉପକ୍ରମେ ମାଧ୍ୟମରେ ଫେକର ପ୍ରତିବର୍ଷ ଉର୍ଜା ସୃଷ୍ଟି କରୁଛି ଓ କାର୍ବନ ନିର୍ଗତ କମାଉଛି ।

ଫେକର ଉର୍ଜା ସୃଷ୍ଟି ପ୍ରକ୍ରିୟାରେ ଫେରୋ ଆଲୟ ଉତ୍ପାଦନ ଏବଂ ଆଧୁନିକ ଉତ୍ପାଦନ ପ୍ରଣାଳୀର ପରିଚାଳନା କରୁଛି । ଏହା ନିର୍ଗତ କାର୍ବନ ପ୍ରାୟ ୧୫% ପ୍ରତିବର୍ଷ ୫୮୦୦ ଟନ୍ ଉତ୍ପାଦନ ଏବଂ ଉର୍ଜା ସୃଷ୍ଟି କରୁଛି । ଯାହା ୪୧୨୨ କେଜି ଆକାଶବାୟୁ ନିର୍ଗତ କରାଯାଏ । ଫେକର ଆଲୟ ଉତ୍ପାଦନ ପ୍ରକ୍ରିୟାରେ ୧୫ କିଲୋଗ୍ରାମ ଫେରୋ ଆଲୟ ଉତ୍ପାଦନ କରାଯାଏ, ଯାହା ପ୍ରତିବର୍ଷ ୧୫୦୦୦ ଟନ୍ ଉତ୍ପାଦନ କରୁଛି । ଆହୁରି ୧୫୦୦୦ ଟନ୍ ଫେରୋ ଆଲୟ ଉତ୍ପାଦନ କରାଯାଏ, ଯାହା ପ୍ରତିବର୍ଷ ୧୫୦୦୦ ଟନ୍ ଉତ୍ପାଦନ କରୁଛି । ଏହା ୧୫୦୦୦ ଟନ୍ ଫେରୋ ଆଲୟ ଉତ୍ପାଦନ କରୁଛି ଓ ୪୧୨୨ କେଜି ଆକାଶବାୟୁ ନିର୍ଗତ କରୁଛି ।

## FACOR Pilots Biochar as a Sustainable Alternative to Coke in Ferrochrome Production

**BIHUBANESWAR,** (Correspondent) Ferro Alloys Corporation Limited (FACOR), a Vedanta Group company, has successfully conducted a pilot trial using biochar as a sustainable and low-carbon alternative to conventional coke in ferrochrome production.

Traditionally, coke has been the preferred reductant due to its high fixed carbon content. However, it is also associated with higher carbon dioxide emissions and ash generation. FACOR's pilot trial demonstrated the potential to reduce CO2 emissions by nearly 5% of total emissions from ferrochrome production.

As biochar is a carbon-neutral material, its use in ferrochrome production through additional studies. This initiative is a testament to FACOR's dedication to responsible mining and green manufacturing, advancing India's collective transition towards a sustainable industrial future.

production backed by findings from a Life Cycle Assessment (LCA) (outgoing trial). FACOR plans to integrate biochar as a cleaner, greener reductant in its manufacturing process. The company will further explore the scalability and commercial viability of biochar in ferrochrome production through additional studies. This initiative is a testament to FACOR's dedication to responsible mining and green manufacturing, advancing India's collective transition towards a sustainable industrial future.

## the political and business daily

### FACOR hosts DAV SDPS Public School students for an insightful industrial visit

**PBD BUREAU**  
BHRAGRA, DEC 13

FACOR Alloys Corporation Ltd (FACOR), a subsidiary of the Vedanta Group, recently hosted a group of 30 Class 12 students and 3 teachers from DAV SDPS Public School for an insightful industrial visit. The visit aimed to expose young learners to real-world manufacturing processes and modern industrial safety practices.

The visit began with a comprehensive safety induction to ensure that every student understood the plant safety protocols before entering the premises. The group then toured the Charge Chrome Plant (CCP) and the FACOR Finishing Plant, where they were introduced to various stages of production. Through practical exposure, listening, and observation, the students gained hands-on experience in how large-scale industrial systems function and how modern manufacturing processes ensure safety and quality.

The visit concluded with an interactive session led by FACOR's leadership team. They discussed the company's core values, safety culture, technological advancements, and opportunities in the mining and metals sectors. Students engaged in thoughtful questions and shared their observations.

Speaking about the visit, Karthi Chandra Dada, Principal of DAV SDPS Public School, said, "Exposure to real-world industrial environments plays a crucial role in shaping young minds. FACOR's well-organized visit gave our students a unique opportunity to understand the workings of manufacturing processes, especially in modern manufacturing. We appreciate FACOR's hospitality and their commitment to educating and inspiring the next generation."

FACOR remains committed to community engagement and educational outreach, aiming to foster industry-academia connections and cultivate connections with future professionals.

## ସକାଳ THE SAKAL

### ଶିଳ୍ପ ସଂରକ୍ଷଣ ପ୍ରକଳ୍ପ 'ଫେକର' ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ ସୁବୁଦ୍ଧି କରୁଛି

**କଟକ, ୧୩/୧୨(କମିସ):** ଭାରତର ପ୍ରମୁଖ ଫେରୋ ଆଲୟ ଉତ୍ପାଦକ ଫେକର ଆଲୟ କର୍ପୋରେସନ ଲିମିଟେଡ୍ ନିରନ୍ତର ଉର୍ଜା ସୃଷ୍ଟି ପ୍ରୟାସ ମାଧ୍ୟମରେ ଶୂନ୍ୟ ଘାଟକୁ ଉନ୍ନତ କରିବାକୁ ଚାହୁଁଛି । ଏହି ଉପକ୍ରମେ ମାଧ୍ୟମରେ ଫେକର ପ୍ରତିବର୍ଷ ଉର୍ଜା ସୃଷ୍ଟି କରୁଛି ଓ କାର୍ବନ ନିର୍ଗତ କମାଉଛି ।

ଫେକର ଉର୍ଜା ସୃଷ୍ଟି ପ୍ରକ୍ରିୟାରେ ଫେରୋ ଆଲୟ ଉତ୍ପାଦନ ଏବଂ ଆଧୁନିକ ଉତ୍ପାଦନ ପ୍ରଣାଳୀର ପରିଚାଳନା କରୁଛି । ଏହା ନିର୍ଗତ କାର୍ବନ ପ୍ରାୟ ୧୫% ପ୍ରତିବର୍ଷ ୫୮୦୦ ଟନ୍ ଉତ୍ପାଦନ ଏବଂ ଉର୍ଜା ସୃଷ୍ଟି କରୁଛି । ଯାହା ୪୧୨୨ କେଜି ଆକାଶବାୟୁ ନିର୍ଗତ କରାଯାଏ । ଫେକର ଆଲୟ ଉତ୍ପାଦନ ପ୍ରକ୍ରିୟାରେ ୧୫ କିଲୋଗ୍ରାମ ଫେରୋ ଆଲୟ ଉତ୍ପାଦନ କରାଯାଏ, ଯାହା ପ୍ରତିବର୍ଷ ୧୫୦୦୦ ଟନ୍ ଉତ୍ପାଦନ କରୁଛି । ଆହୁରି ୧୫୦୦୦ ଟନ୍ ଫେରୋ ଆଲୟ ଉତ୍ପାଦନ କରାଯାଏ, ଯାହା ପ୍ରତିବର୍ଷ ୧୫୦୦୦ ଟନ୍ ଉତ୍ପାଦନ କରୁଛି । ଏହା ୧୫୦୦୦ ଟନ୍ ଫେରୋ ଆଲୟ ଉତ୍ପାଦନ କରୁଛି ଓ ୪୧୨୨ କେଜି ଆକାଶବାୟୁ ନିର୍ଗତ କରୁଛି ।

## FACOR inspires young minds with immersive industrial visit for DAV SDPS students

**BHRAGRA, DECEMBER 13, 2023**

FACOR Alloys Corporation Ltd (FACOR), a subsidiary of the Vedanta Group, hosted an enriching industrial exposure visit for 30 Class 12 students and three teachers from DAV SDPS Public School on Monday, offering them a first-hand look into modern manufacturing and industrial safety practices.

The visit began with a comprehensive safety induction session, where students were briefed on essential plant safety protocols before entering the operational zones. Guided by FACOR's technical team, the group then toured the Charge Chrome Plant (CCP) and the FACOR Finishing Plant, observing the complete ferrochrome production process—from raw material handling to the transformation of ingots into the final product.

As they moved across departments, students witnessed how large-scale industrial systems operate seamlessly through coordination, precision, and adherence to strict quality and safety standards. The initiative was designed to bridge classroom learning with practical industrial exposures, nurturing curiosity and helping students gain insights into potential career pathways in the metals and mining sector.

The visit concluded with an engaging interactive session led by FACOR's leadership team, who touched upon the company's values, technological advancements, sustainability efforts, and safety culture. Students enthusiastically participated, posing thoughtful questions and sharing their learnings from the immersive experience.

FACOR inspires young minds with immersive industrial visit — THE BUSINESSBERRY

## FACOR strengthens sustainability through energy conservation initiatives

**PBD BUREAU**  
BHRAGRA, DEC 13

FACOR Alloys Corporation Limited (FACOR), one of India's leading ferro alloys producers and a subsidiary of Vedanta, is strengthening its sustainability journey through ongoing energy conservation initiatives across its Odisha operations.

These efforts have enabled the company to consistently reduce energy consumption and carbon emissions, reinforcing Vedanta Group's commitment to operational excellence and environmental responsibility.

With a strong focus on energy efficiency and decarbonisation, FACOR has implemented multiple projects delivering measurable annual savings. A key initiative in its advanced Waste Heat Recovery System (WHRS), which captures high-temperature flue gases from furnaces and reuses them as process heat. The system delivers annual energy savings of 5,890 MWh and achieves CO2 abatement of 4,182 tCO2e, while improving furnace efficiency and reducing fuel consumption.

To strengthen renewable energy usage at remote locations, FACOR has installed a 14-kW rooftop solar power plant at the Odapal Chromite Mines. The installation generates 20,160 kWh of clean energy annually, resulting in CO2 savings of 14,656 kg CO2e, and reduces reliance on grid and diesel-based power sources.

Promoting sustainable infrastructure within mining premises, the company has operationalised 37 solar-powered streetlights, which collectively save 3,688 kWh of energy annually and avoid 4,135 kg CO2e of emissions, while enhancing safety and visibility. Additionally, FACOR has installed 745 solar streetlights in nearby communities, contributing to clean energy access and local development.

Further improving operational efficiency, FACOR upgraded its cooling tower systems by replacing conventional blades with energy-efficient E-Glass Epoxy FRP blades. This initiative has resulted in annual energy savings of 94,320 kWh and CO2 abatement of 68,570 tCO2e, underscoring the company's sustained focus on reducing energy intensity.

FACOR CEO Pankaj Sharma said, "Our energy conservation projects reflect our commitment to responsible operations and long-term sustainability. These initiatives have been delivering consistent results across our facilities and align closely with Vedanta's ESG priorities. FACOR will continue to invest in efficiency-led and renewable energy solutions to further minimize its environmental footprint."

FACOR continues to drive sustainable growth through technology-led efficiency improvements, renewable energy adoption, and systematic carbon reduction, contributing to India's energy conservation goals and Vedanta Group's sustainability vision.

