



FLASHBACK

November 2023

A Monthly e-Newsletter



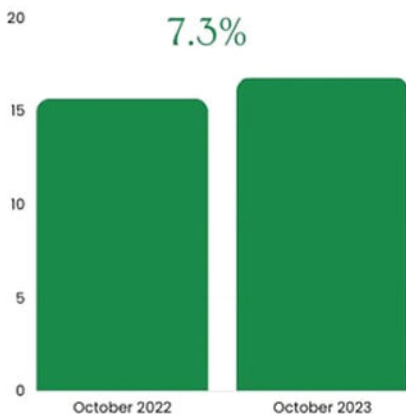
Shri Keshav Rao, Director (Personnel) has assumed the additional charge of Chairman-Cum-Managing Director, Mahanadi Coalfields Limited.



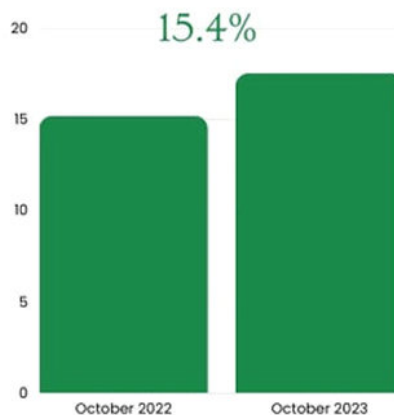
*Farewell to Shri O P Singh
Thankyou Sir! For your stewardship, you have made MCL reach new heights, accomplish remarkable milestones. May the Almighty bless you with healthy and joyful 2nd innings ahead.*

Leading the Growth Story

COAL DESPATCH



COAL PRODUCTION



MCL has achieved highest ever coal production of 17.52MT in October 2023, up by 15.4%, as against 15.19MT produced during same period last fiscal. Similarly, coal despatch also increased by 7.3% in October 2023 at 16.82MT as against 15.68MT clocked during same period in 2022-23.

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“Proactive vigilance is a powerful tool”

Shri Brajesh Kumar Tripathy, Chief Vigilance Officer, Coal India Ltd, underscored the imperative of ongoing commitment and the establishment of a resilient framework to enhance control measures, ensuring the prevention of resource pilferage. Shri Tripathy was on his maiden visit a two-day tour of Mahanadi Coalfields Ltd (MCL) from 16 to 18 October and interacted with senior officers, emphasised the pivotal role of proactive vigilance as a powerful tool in safeguarding any organisation against corruption. Shri Tripathy praised the outstanding teamwork in the company and urged everyone to approach their work with courage and sincere intentions.

In the second leg of his tour, Coal India CVO visited Ib Valley Coalfields and inspected coal mining and despatch operations along with implementation of various IT initiatives.



Emphasising on preventive vigilance and system improvements, he stressed upon a need of vigilant behaviour from each member of the organisation.



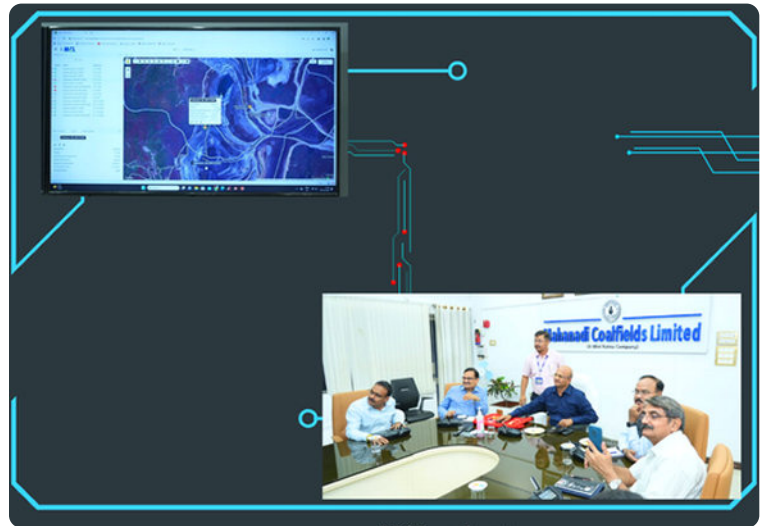
MCL to monitor health of heavy earth moving machines

A new initiative for reducing carbon footprints, sustainable coal mining

Mahanadi Coalfields Limited (MCL) has adopted a real-time system to monitor health of heavy earth moving machines (HEMM), aimed at maximising productivity by minimising chances of their breakdown and undue obstructions in coal mining operations. Shri O P Singh, Chairman-cum-Managing Director, MCL, formally opened the Real-Time Equipment Health Monitoring system, also called Unified Harmonised Dashboard, to monitor fitness of its machines deployed in the coalfields.

Appreciating MCL Innovation Cell and operational teams for their coordinated efforts to start this pilot project, the CMD said, "harnessing the power of real-time data and predictive analytics, will enable our business to transition from reactive to proactive maintenance, ultimately saving time and resources."

Gaining the ability to detect anomalies and predict failures before they occur, MCL intends to address unwarranted maintenance needs and ensure optimal performance and longevity of HEMM deployed in coal mining operations. Initially, entire fleet of surface miners – the most environment-friendly coal mining machine – has been brought under the monitoring system, while process is underway to bring remaining HEMMs under system in phase manner.



Shri O P Singh, CMD and Functional Directors inaugurate the real time equipment health monitoring system

Embarking on a new era in equipment diagnostics and operational efficiency, MCL has collaborated with Ahmedabad-based MSME M/s UCTL Pvt Ltd and become the first Coal India subsidiary to adopt equipment health monitoring system, which provides real-time insights, predict equipment failures and enhance overall performance. With the help of this equipment health monitoring system, the company envisages to optimum utilisation and minimum breakdown of HEMMs, thus helping in reducing carbon footprints of coal mining operations by reducing energy consumption and lowering emissions.



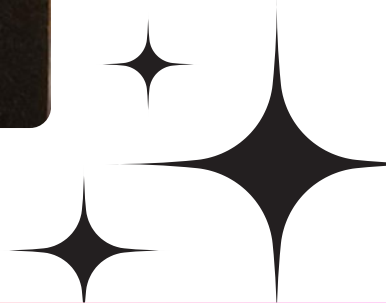
MCL wins prestigious D&B PSU Award-2023



Mahanadi Coalfields Limited (MCL), a flagship Coal India subsidiary having business operations in Odisha, has won the prestigious Dun & Bradstreet PSU Award-2023 for business excellence in the coal mining sector. On behalf of company, the award was received by Dr Shambhu Jha, General Manager/Technical Secretary to the Chairman-cum-Managing Director (CMD) at 15th edition of "PSUs & Government Summit" on Friday evening in New Delhi, which was also attended by Dr Vivek Joshi, IAS, Secretary to the Government of India - Department of Financial Services, Ministry of Finance.

Chairman-cum-Managing Director and the Functional Directors of the Company have congratulated the Team MCL for winning this coveted award and wished best for future endeavours.

Dun & Bradstreet, a leading global B2B analytics and business intelligence solution provider, and helps companies around the world to improve their business performance.



"The D&B award for the year 2023 serves as a significant source of motivation for Team MCL, as it acknowledges the collective and committed efforts of all members towards ensuring energy security in the nation," .

Shri O P Singh
CMD, MCL

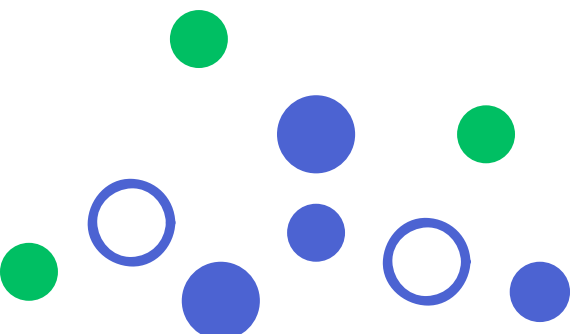




Becoming Cyber Jagrook!

A one-day-workshop on Cyber Security Awareness was organised, as a part of the Cyber Jagrookta Month, to familiarize MCL employees on significance of cyber security on October 5, 2023 at the company headquarters in Sambalpur. The workshop was inaugurated by Shri O P Singh, CMD, in the presence of Shri Keshav Rao, Director(Personnel), Shri PK Patel, Chief Vigilance Officer, Shri JK Borah, Director (Technical/Operation), Shri AK Behura, Director(Finance), Shri AK Bapat, Director(Tech./ P&P) & senior officers. Faculty from the Engineering Staff College of India Hyderabad, were the resource persons at the workshop.

MCL has proactively implemented various practices concerning cyber security and cyber awareness, including installation of Next Generation Firewall and threat identification, as instructed by the National Cyber Coordination Centre, CERT. MCL also released a handbook on Dos and Don'ts for everyday office tasks in cyber space. Workshop raised awareness about the importance of cyber security for organisations and individuals alike. Meanwhile, the dignitaries also released a souvenir comprising contributory expert articles on cyber security and its importance.



AI-based “SOOCHNA KOSH” for information management

Mahanadi Coalfields Limited (MCL) has become the first coal miner to put artificial intelligence (AI) in use by developing “Soochna Kosh”, a ChatGPT like system for information management.

Named “Soochna Kosh”, this state-of-the-art AI-based Interactive Information Management System has been formally launched by Shri OP Singh, Chairman-cum-Managing Director in the presence of Shri Keshav Rao, Director (Personnel), Shri J K Borah, Director (Technical/Operations), Shri A K Behura, Director (Finance), Shri A S Bapat, Director (Technical/ Projects & Planning) and General Managers and Heads of various departments.



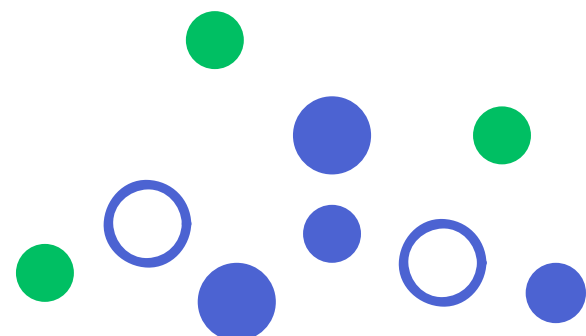
The launch of ‘Soochna Kosh’ is a stepping stone to usher in intelligent document processing capabilities and seamlessly streamline operational processes. With its ability to provide contextual based information, ‘Soochna Kosh’ is poised to become an intelligent tool for the entire business value chain of Mahanadi Coalfields Limited.

MCL has roped in an Odisha-based StartUp M/s ZeonAI Labs Pvt. Ltd, to develop “Soochna Kosh” which is designed to seamlessly delve into company’s internal documents, knowledge repository, and tap into the vast expanse of inter-departmental data, providing the user with accurate, latest and insightful responses.



The system is designed to enable automation of knowledge discovery leveraging advanced NLP (Natural Language Processing) powered solution and Generative AI-powered search engine that retrieves relevant, current and accurate answers from internal document repository, like financial documents/tables, project manuals, policies, contracts, SOPs and others regulatory papers.

The CMD applauded the initiative by the Innovation Cell of the company and said, “AI & ML (machine learning) are the next big thing in mining and MCL being pioneer in this field will leverage the many possibilities that it offers.”



MCL Employees join Swachhta Shramdaan, motivate masses

In an effort towards making a cleaner New India, the employees of coal major Mahanadi Coalfields Limited (MCL) participated in Swachhta Shramdaan programme organised by the company at 14 different locations in four districts of Odisha on 1st October 2023. As per directions from the Ministry of Coal, Government of India, MCL had made an elaborate programme for the special cleanliness campaign based on “Ek October, Ek Ghante, Ek Saath”, generating public participation in the Swachhta activity.

At the company headquarters, all the senior officers, including Shri P K Patel, Chief Vigilance Officer, Shri Jugal Kumar Borah, Director (Technical/Operations), Shri Ajit Kumar Behura, Director (Finance), Shri AK Bapat, Director (Technical/P&P), General Managers and Heads of different departments lead the campaign with Swachhta Shramdaan. The employees at headquarters, together at 10 AM, carried out a Swachhta drive at a tourist spot near Hirakud Dam and cleaned the area. A large number of peripheral villagers near Burla town witnessed the one-act-play on Swachhta. Operational Areas of the company at Talcher Coalfields in district Angul and Ib Valley coalfields in Sundergarh and Jharsuguda districts organised similar cleanliness drives under Swachhta Hi Sewa Campaign, which marks a significant milestone coinciding with a decade of Swachhta-based initiatives.



*Ek October, Ek Ghante, Ek Saath:
Swachhta Shramdaan*

MCL Runs for Fit India: *a photo feature*



Ib Valley Area



Talcher Area





Lakhanpur Area



Jagannath Area





Subhadra Area



Basundhara Area



MCL HQ



Swachhata Freedom Run 4.0

MCL hosts the 1st Conference-cum-Exhibition on Redefining Indian Mining Sector (CERIMS)



Mahanadi Coalfields Limited hosted 1st Conference-cum-Exhibition on Redefining Indian Mining Sector (CERIMS) organised by MGMI-Odisha Branch on 14th October 2023 at the company headquarters in Sambalpur. A large number of technocrats from coal mining & allied sector participated in conference which was attended by Shri. PM Prasad, Chairman, Coal India Ltd through VC. Shri OP Singh, CMD, MCL, Dr PS Mishra, CMD, SECL, Shri B Veera Reddy, Director (Technical), Coal India & CMD, CCL, Shri Mukesh Choudhary, Director (Marketing), Coal India, Shri Keshav Rao, Director (Personnel), MCL, Shri PK Patel, CVO, MCL, Shri JK Borah, Director (T/Ops.), MCL, Sh AK Behura, Director (Fin.), MCL, Shri AS Bapat, Director (T/P&P), MCL, were among the prominent in participation.



Various tech companies and others related to the coal mining industries were given an opportunity to display their products, apps and services in the exhibition.






Published by-




Department of Public Relations
MAHANADI COALFIELDS LIMITED (HQ)
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