

MINING TECHNOLOGY IN INDIA

Emerging Technologies, Outlook and Opportunities

April 21-22, 2022

AGENDA/SCHEDULE (DAY ONE)

10:00 A.M. – 10:10 A.M.	WELCOME REMARKS
<ul style="list-style-type: none"> Welcome remarks by Indian Infrastructure 	
10:10 A.M. – 10:40 A.M.	KEY TRENDS AND OUTLOOK
Questions/Topics: <ul style="list-style-type: none"> Current state of the mining sector in India? New and emerging opportunities (in bulk minerals/mineral processing, etc)? Exploration of deep seated and critical minerals - key to energy transition Increasing technology adoption to ensure a sustainable competitive advantage? Outlook / Gol target? <ul style="list-style-type: none"> Presentation by Ritabrata Ghosh, Assistant Vice President and Sector Head, ICRA...<i>plus Q&A</i> 	
10:40 A.M. – 11:10 A.M.	INDUSTRY SHOWCASE AND BEST PRACTICES: NMDC PERSPECTIVE
Questions/Topics: <ul style="list-style-type: none"> What are the new and emerging technologies being deployed by NMDC? What are the key benefits derived? What are the best practices? What are the key issues and challenges? What is the outlook? <ul style="list-style-type: none"> Presentation by B. Sahoo, Executive Director, Production, NMDC ...<i>plus Q&A</i> 	
11:10 A.M. – 11:30 A.M.	DIGITAL TRANSFORMATION IN MINING
<ul style="list-style-type: none"> Presentation by Ranjit Sahu, Senior Principal, Accenture...<i>plus Q&A</i> 	
11:30 A.M. – 11:50 A.M.	BREAK – I
11:50 A.M. – 12:20 P.M.	PRODUCTION IMPROVEMENT IN INDIAN COALFIELDS
<ul style="list-style-type: none"> Remarks and interaction with R.B Mathur, President, Business Development and Mining, Virginia Mining...<i>plus Q&A</i> 	
12:20 P.M. – 12:50 P.M.	REMOTE SENSING, GIS AND DRONES
Questions/Topics: <ul style="list-style-type: none"> How has asset monitoring and mine survey evolved with the use of drones? What has been the uptake of GIS and remote sensing-based solutions? What has been the experience globally? What are the lessons for India? <ul style="list-style-type: none"> Presentation by Rajneesh Kumar, General Manager, Geomatics, and CMPDI...<i>plus Q&A</i> 	
12:50 P.M. – 1:20 P.M.	SURFACE MINING
Questions/Topics: <ul style="list-style-type: none"> What are the new and emerging technologies for surface mining? How has been their uptake so far? What are the key issues and challenges? What is the future outlook? What are the global best practices/advancements? <ul style="list-style-type: none"> Presentation by P.D. Rathi, General Manager, Mines, Northern Coalfields...<i>plus Q&A</i> 	
1:20 P.M. – 2:10 P.M.	BREAK – II
2:10 P.M. – 2:40 P.M.	INDUSTRY SHOWCASE AND BEST PRACTICES: TATA STEEL PERSPECTIVE
Questions/Topics: <ul style="list-style-type: none"> What are the new and emerging technologies being deployed? What are the key benefits derived? What are the best practices? What are the key issues and challenges? What is the outlook? <ul style="list-style-type: none"> Presentation by Piyush Srivastava, Chief, Natural Resource Division, Tata Steel...<i>plus Q&A</i> 	
2:40 P.M. – 3:10 P.M.	DRILLING AND BLASTING
Questions/Topics: <ul style="list-style-type: none"> What are the new and emerging technologies for drilling and blasting? How has been their uptake so far? What are the key issues and challenges? What is the future outlook? What are the global best practices/advancements? <ul style="list-style-type: none"> Presentation by M. Subhani, General Manager, R&D, SCCL...<i>plus Q&A</i> 	
3:10 P.M. – 3:45 P.M.	TECHNOLOGIES IN UNDERGROUND MINING: HZL PERSPECTIVE
Questions/Topics: <ul style="list-style-type: none"> What is the current state of underground mining? What are the latest technologies and solutions being used? What are the key issues and challenges? How can these be addressed? What are the global best practices/advancements? <ul style="list-style-type: none"> Presentation by Praveen Sharma, Chief Operating Officer, HZL...<i>plus Q&A</i> 	
DAY ONE WRAP UP AND CLOSING REMARKS	

Organiser:



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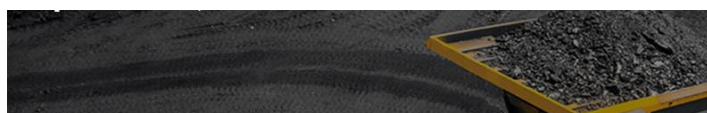
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AGENDA/SCHEDULE (DAY TWO)

10:00 A.M. – 10:10 A.M.	RECAP OF DAY ONE
<ul style="list-style-type: none"> Recap of day one by Indian Infrastructure 	
10:10 A.M. – 10:45 A.M.	PROMISE OF BLOCKCHAIN
Questions/Topics: <ul style="list-style-type: none"> What is the potential of blockchain technologies in the mining segment? How has been the global experience? What are the key issues? What is the outlook? <ul style="list-style-type: none"> Presentation by Dipesh Dipu, Founder and Partner, Jenissi Management Consultants...<i>plus Q&A</i> 	
10:45 A.M. – 11:15 A.M.	CONVEYOR SYSTEMS
Questions/Topics: <ul style="list-style-type: none"> What has been the industry experience with regard to conveyor systems? What are the key issues and challenges? What is the future outlook? What are the global best practices/advancements? <ul style="list-style-type: none"> Presentations by Kaushal Kumar Singh, Senior Technologist-Material Handling and Utilities, Tata Steel...<i>plus Q&A</i> 	
11:15 A.M. – 11:35 A.M.	TECHNOLOGY SHOWCASE: FOCUS ON MATERIALS
<ul style="list-style-type: none"> Presentation by Nikitesh Ashok Khanke, General Manager, Bajaj Reinforcements...<i>plus Q&A</i> 	
11:35 A.M. – 11:55 A.M.	BREAK – I
11:55 A.M. – 12:30 P.M.	WATER AND WASTE MANAGEMENT IN MINING
Questions/Topics: <ul style="list-style-type: none"> What are the best practices for efficient water management in mining? What are the current wastewater treatment/ZLD practices? What are the key issues and challenges? What is the outlook? <ul style="list-style-type: none"> Presentation by Rijumon Dasgupta, Consultant, Indranil Sen, Consultant, Hydrogeology, SRK Consulting India...<i>plus Q&A</i> 	
12:30 P.M. – 1:05 P.M.	ADVANCED AI ML TECHNOLOGY IN EXPLORATION DATA MANAGEMENT
Questions/Topics: <ul style="list-style-type: none"> What are the new and emerging technologies being deployed by OMECL? What are the key benefits derived? What are the best practices? What are the key issues and challenges? What is the outlook? <ul style="list-style-type: none"> Presentation by Shailendra Sinha, Director, Geology, Odisha Mineral Exploration Corporation...<i>plus Q&A</i> 	
1:05 P.M. – 1:35 P.M.	INDUSTRY SHOWCASE AND BEST PRACTICES: RSMML PERSPECTIVE
Questions/Topics: <ul style="list-style-type: none"> What are the new and emerging technologies being deployed by RSMML? What are the key benefits derived? What are the best practices? What are the key issues and challenges? What is the outlook? <ul style="list-style-type: none"> Presentation by D.C. Joshi, Senior Manager (Project), Rajasthan State Mines and Minerals ...<i>plus Q&A</i> 	
1:35 P.M. – 2:10 P.M.	INDUSTRY SHOWCASE AND BEST PRACTICES: KIOCL PERSPECTIVE
Questions/Topics: <ul style="list-style-type: none"> What are the new and emerging technologies being deployed by KIOCL? What are the key benefits derived? What are the best practices? What are the key issues and challenges? What is the outlook? <ul style="list-style-type: none"> Remarks and interaction with Bhaskara Reddy, Director (P&P), KIOCL...<i>plus Q&A</i> 	
CONFERENCE WRAP UP AND CLOSING REMARKS	



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