

5th ICOMS - CONFERENCE SCHEDULE

DAY-1: 10-04-2023 (Monday)

Inaugural Session

9:30-11:15AM

Plenary Session

11:30-1PM

SESSION-1		
Innovative Mining & Slope Monitoring Techniques		02:00 PM-3:30 PM
Chairman	A N Pandey , AGM Jayant	
Rappoteur	Alok Kumar, AGM Amlohri	
SI No.	Paper Title	ORGANISATION
1	Mine Internal Dump Slope Stability and Failure Zone Identification using 3D Modelling Kapoor Chand Jogson & Radhakanta Koner	IITISM,DHANBAD
2	Results on Slope Stability Study of Western O.B.Dump of Dudhichua Site using Indigenously Developed GB-InSAR Data Arunkumar Heddallikar, Kokila.R, Raymond Pinto, Y.S.Rao , Dr.Tarique Sajjad & P.D.Rathi	SAMEER,IIT BOMBAY
3	Scope of applicability of Highwall Mining Technology in Indian Coal Seams with special emphasis on Thick/Combined Seams of Bharat Coking Coal Limited vis-à-vis present Socio-Technical scenario. Chitranjan Kumar,Tribhuvan Singh Chauhan,Abhijit Pal	BCCL
4	Coal Logistics Solution – Safe, Eco friendly and Efficient Ashirbad Ojha,Amalesh Maity	Volvo Trucks
5	Haul Road Dust Reduction Using Hydrolysed-Polyacrylamide: A Laboratory Study Vivek Kumar Kashi, N C Karmakar, S. Krishnamoorthi & Dr. Atma Ram Sahu	IIT BHU
SESSION-2		
Drilling Blasting and Operational Challenges in Opencast Mining		03:45 PM-5:30 PM
Chairman	Harish Duhan, AGM Nigahi	
Rappoteur	Indrajit Singh, AGM Kakri	
SI No.	Paper Title	ORGANISATION
1	Positivistic Approach in Drilling & Blasting at NCL Projects L.P.Godse & A.K.Pandey,	NCL
2	Design and integration of cast blasting with dragline operation to enhance Operational Efficiency Sheo Shankar Rai, Umesh Kumar Mahato, Sukesh Nalamasa & Sairam Teja Akkiraju	IITISM,DHANBAD
3	Mitigation Of Coal Bench Fire Via Introduction Of Pre- Split Controlled Blasting: A Case Study Of M&Mae,Ocp Sanjay Sengar, Abhilash Nanda, Ashish Kant & Aditya Ku Verma	SASAN COALFIELD LTD
4	Good Blasting, Good fragmentation – Fundamental Problems Naveen Rai	NCL
5	A Critical Analysis of Production and Productivity by Selecting Optimum Operating Parameters of Surface Miner in Opencast Coal Mines Nilesh Pratap Singh,Amit Kumar Verma,Nawal Kishore	IIT BHU
6	Geocoding of Ground Based SAR Images over a Coal Mine Jasperine James, Arunkumar Heddallikar, Raymond Pinto, Supriya Bhide, Prof. Y.S Rao & Kushmakar	SAMEER,IIT BOMBAY
DAY-2: 11-04-2023 (Tuesday)		
SESSION-3		
Opencast Mines Towards a new energy paradigm		9:30 AM-11:00AM
Chairman	Rajiv Kumar, AGM Khadia	
Rappoteur	V K Singh, AGM Jhingurdah	
SI No.	Paper Title	ORGANISATION
1	Global best practices in operation and maintenance of Draglines Maxim Holeroft	Deswik
2	Coal to Energy paradigm redefined: Green is the new black Dr Anindya Sinha, Mrs. Suchandra Sinha, Manish Tiwari	NCL,HQ
3	A Study of Earthing System For 132/33kv Substation of Kusmunda Mega Open Cast Coal Mine Of Korba Coalfields In Chattisgarh Amritanshu & Dr Prajwalit Shikha	CMPDIL
4	Illumination in Sasan Coal Mine – Challenges & Measures Anurag Bhatnagar, Chanchal Kumar Singh, Ravindra Kumar Tiwari & Aditya Kumar Verma	SASAN COALFIELD LTD
5	Reducing Specific Power Consumption vis-à-vis Enhanced Energy Efficiency in Opencast Mines Vipul Bansal , Shri Rajib Dutta & Shri I.D.Narayan	CMPDIL
6	Challenges Involved in Electric Power Supply Arrangement to MG Based Draglines at Mines of NCL & its possible way out Mr. Sanjeev Kumar	NCL
7	Mine Reclamation for Supporting A Sustainable Future Vimal Kr. Srivastava, Ratanjay Kr Singh, A K Pandey & R. K Singh	Jayant Area
SESSION-4		
Environment Management, Conservation & Sustainable Solutions for Opencast Mines		11:15 AM-1:15 PM
Chairman	Satish Jha, AGM Dudhichua	
Rappoteur	Syed Ghori, AGM Block-B	
SI No.	Paper Title	ORGANISATION
1	Characteristics of Annual Dust Pollution, Modeling, and Evaluation of Nigahi Open Cast Coal Mine in Singrauli, Madhya Pradesh, India Navin Prasad,Dr. Tanushree Bhattacharya,Dr. Bindhu Lal	BIT Mesra
2	Monsoon preparation and precaution against danger of inundation from surface water in M&MAE,OCP SPL Anil Kumar P.S, Aditya Kumar Verma, Sasanpuri Bhargav & Abhilash Nanda	SASAN COALFIELD LTD
3	Sasan Coal Mine- A Technical Roadmap for Haul Road dust suppression-Minimize Dust Generation Rishi Shrivastava, Sudhanshu Kumar, Venu Babu & Amit Kumar	SASAN COALFIELD LTD
4	Assessment of air pollution around coal mines and Thermal power plants of Singrauli Region R.P. Singh, Sandeep Kumar Asarapalli, Mohd. Aadil Siddiqui, Aarif Jamal , Vaibhav Sahu & Prashant Modi	IIT BHU
5	Just Transition Mr P D Rathi	NCL HQ
6	OBR Dump Plantations: The needed changes in MoU with M/s MPRVVN Harish Duhan, R B Sindhur & Keshav Sharma	NIGAH OCP, NCL

SESSION-5		Opencast Mining Towards Optimisation and Diversification	02:00 PM-03:30 PM
Chairman	Rajeev Singh, AGM Bina		
Rappoteur	Suman Saurabh, GM(CMC)		
SI No.	Paper Title	ORGANISATION	
1	An Innovative Idea for unmineable Coal Seam of Singrauli Coalfield Satyaveer Singh, RK Meena, A Barouah, J Devaraju, Atal Bihari	CMPDIL	
2	Factors affecting Specific Diesel Consumption at Open Cast Mines and way beyond Pranay M. Daharwal	MCL	
3	Prediction Of Cbr Value Of Stabilized Mine Overburden With Rbi Using Ann And Mr Models Dr. Soumya Ranjan Mallick & Dr. Abhiram Kumar Verma	GCE, KEONJHAR	
4	Application of GIS in site suitability studies during mine planning and mine closure & reclamation using the BHUVAN Geo-portal services and QGIS software Prashant Kumar Patel	SECL	
5	Augmenting Overburden Removal by Department Capacity Utilization with Optimization of Mining Parameter for 20 CuM Shovels in Northern Coalfields Limited. Dr. Anindya Sinha, Umakant Yadav, Dinkar Tiwari	NCL	
6	Smart Monitoring of Electrical Field Kiosk and Safety systems in Opencast mines. Lunavath Hemsingh, S.RajMohan, S.Sankaran and Rajashekara Reddy.	NLC INDIA LIMITED	
7	Software Enabled Airborne based Application the Indian Mining Sector Mr Brijesh Pandey, Sourav Suman & Vidit Jain	Garuda UAV Soft Solutions	
Exhibitors Session			
		03:45 PM-05:00 PM	
Chairman	Bhartendu Kumar, GM(Excavation)		
Rappoteur	Narendra Saini, GM(MM)		
SI No.	Paper Title	ORGANISATION	
1	Digitization in Mining: On going Optimization in Drill and blast using digital technologies - Challenges and success factors in organizational adoption. Amit Bhandari, Sanjay Purohit & Pankaj Goyal	Mine Excellence	
2	Heavy Earth Moving Equipment and Spares supply management Pradeep Lenka, Sujit Upadhayay, Somnath Mishra	L&T	
3	AI based Predictive Health Monitoring & Spares Management for HEMM Ajit Kumar Srivastav, V. Sekar and Naveen Sonkar	BEML	
4	Dual fuel system technology in mining dump truck with LNG as alternate fuel Ajit Kumar Srivastav, V. Sekar and Naveen Sonkar	BEML	
5	Fault Diagnosis of Dragline System using Artificial Intelligence – A Causal Analysis Atma Ram Sahu, Sakshi Rai, Sanjay Kumar Palei, Vivek Kumar Kashi	GIET	
6	THERMOL-D - Multifunctional Combustion Catalyst for Diesel, Developed in collaboration with IIT-Bombay. Subhajit Mukherjee	Abhitech Energycon Ltd.	
7	Cost Effective Alternatives For Innovative Real-Time Slope Measurement Subhendu Roy	Hawk Measurement Systems	
8	Advanced Technology in SLI to enabling Safe Working Environment Mr Nitin Purohit	M/s Klug Avalon Mechatronics Pvt Ltd	
9	Epiroc Paper - Digital Initiatives	EPIROC	