



MINING ENGINEERS' ASSOCIATION OF INDIA

Rajasthan Chapter-Jodhpur

Symposium-2018

ADVANCED TECHNOLOGY IN ROCK FRAGMENTATION & BLASTING

20-21 January, 2018

Venue: Institution of Engineers Hall, Residency Road, Jodhpur, Rajasthan (India)

Programme

Registration :

20th January, 2018 (9.30am-10.15 am)

Inaugural Session

Saturday the 20th January 2018 (10.30 am-11.30 am)

Tea & sancks

11.30 am-12.00 noon

Technical Session

Saturday the 20th January 2018 (12.00 noon-5.30pm)

Plenary Session

20th January 2018 (12.00 noon-1.30 pm)

1	Carlos P. Orlandi	Smartchem Technologies Ltd,Chile Deepak Fertilizers and Petrochemicals	Science and Technology in Mining?
2	S Bhandari	MD, ERTC,Jodhpur	Past,Current & Future Blasting Technology
3	Allen B Richards & Adrian J. Moore	Director, Terrock Consulting Engineers,VIC Australia	Recent Developments in Environmental Blast Control

Lunch

Sponsored (RK Marble)

01:30 pm - 2:15 pm

Plenary Session

20th January 2018 (2.15 pm-3.45 pm)

1	RR Tatia	Need-based solutions – Mineral Industry Engineer; Formerly: Chief Technical Officer (CTO) Aditya Birla Group; Director-JIET	Ground & Rock Excavation in India – A Critical Activity for Sustainable Mining & Tunneling Operations: Growth, Prevalent Bottlenecks & Proposed Solutions
2	Ajit Raj Ostwal	VP(mining), Ultra Tech cement,Mumbai	Blasting in Limestone Mines-Challenges & Solutions
3	Bhatawdekar Ramesh Murlidhar* et al	Geotropik- Centre of Geoengineering, Faculty of Civil Engineering, UniversitiTeknologi Malaysia, 81310 UTM, Skudai, Johor, Malaysia	A critical review of available models for prediction of tunnel boring machine performance parameters

Tea

3.45 pm-4.00 pm

Technical Session-I

20th January 2018 (4.00 pm-5.45 pm)

1	Suresh Kumar Sharma & Piyush Rai	Department of Mining Engineering, Indian Institute of Technology (Banaras Hindu University), Varanasi	A Case Study on Investigation of Stemming Confinement in Surface Mine Blasting
2	Vikash Thakry, Dr. P. K. Rajmeny , V. Kumar & R.P. Dashora	Rampura Agucha mine Hindustan Zinc Limited	Fit wall stability vis-a-vis Controlled blast techniques.A case study on RAMP blasting practices in geotechnical instable area
3	S. S. Rathore & Jain Ashima Pankaj	CTAE, MPUAT, Udaipur	Evaluation of Ground Vibration and Flyrock due to blasting in Rock phosphate mine
4	Maniram Saharan	Advisor & consultant- Rock Blasting	Ring Blast Design
5	S.C.Jain, Jigar K. Patel and Rajendra Bora	CTAE & RK Marble,Udaipur	Control Blasting in Marble Mining-A Case Study

Conference Dinner

Sponsored (Mine Excellence)

7:30 pm onwards at Skyzz,6th floor, Blue City Mall, Near Circuit House



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Technical Session

Sunday the 21th January 2018 (9.30 am-2.00 pm)

Technical Session-II

21th January 2018 (9.30 am-11.45 pm)

1	Amit Bhandari , Nisarg Thripathi, Shweta Singhal, Shweta Rao and Nikhil Dhariwal	Mine Excellence, Australia	Cloud, Mobile and Technology innovation enable blast optimization at site possible
2	Ratnesh Trivedi , A. K. Raina , Pankaj M. Wankhade, Prashant K. Pandey, Suraj B. Deshmukh	Central Institute of Mining and Fuel Research, Unit 1, Regional Centre, Nagpur	Neural Network Based Approach for Prediction and Control of Blast-Induced Ground Vibrations
3	J V Bhatt	Bhuvaneshwari Mineral Consultancy, AHMEDABD	Eco-friendly Mining of Limestone By Surface Miner In Gujarat
4	HK Vyas	Jhamarkotra Mines, RSMML, Udaipur	Drilling and Blasting: A case study at Jhamarkotra Mines
5	Rajesh Arora & B.S. Choudhary	Department of Mining Engineering, Indian Institute of Technology (ISM), Dhanbad	Fly Rock in Mines- A Concern for Mines Safety, Health and Environment

Tea

11.45 am - 12.00 noon

Technical Session-III

21th January 2018 (12.00 noon-2.00 pm)

1	Lalit K Agarwal , Somnath Banerjee	Smartchem Technologies Limited Nuvoco Vistas Corporation Limited	Implementation of ANFO explosives in limestone mines over bulk emulsion explosives to reduce the overall blasting cost
2	Pankaj Agarwal & OP Sharma	Shree Cement Ltd, Rajasthan	Advance technology in hard rock surface blasting- A case study of RAS Limestone
3	AK Jaiswal, DD Shripat , S Paliwal & S Choudhary	SBU-Limestone, RSMML	Software Applications in Blasting Data compilation , fly-rock & ground vibration study- A case study at Sanu Limestone Mines
4	Balla Kalyan, Ch. S N Murthy and R P Choudhary	Department of Mining Engineering, Government Polytechnic, Gudur-524101, Andhra Pradesh	Development of Artificial Neural Network Models to Predict Specific Energy in Rock Indentation
5	Pankaj Kumar Satija, Sanjit Adhya, Abhay Chaudhary, Devraj Tiwari	Tata Steel Limited Noamundi, West Singbhum	Use of multi-decking in Blasting at Noamundi Iron Ore Mine

Lunch

Sponsored (JK White Cement Ltd.)

02:00 pm - 2:30 pm

Workshop: 'computer applications in Blasting'

Sunday the 21th January 2018 (2:30 pm-4:00 pm)

Welcome Note by

:

Prof Sushil Bhandari,

Workshop by

:

Mine Excellence, Australia (for 25 participant from SYMPOSIUM)

Tea & Snacks