

CMRS Publication – 1991 – 92

(INDIA)

S/No.	Author	Title	Name of the Journal	Reference
1.	Nabiullah, Md, Singh A k, & Singh B	Studies on Thermal Decomposition of Emulsion Explosive	Indian Mining and Engineering Journal	Vol. XXX, No. 1, 1991
2.	Ghosh A K, Sinha A, Prasad L, Prasad M & Raju, N M	Geotechnical Studies at Jaduguda Uranium Mine for Optimization of Stopping and Support Parameters in Molybdenite Shear Zone	Journal of Mine Metals and Fuels Calcutta	Vol. XXXIX No. 3, 1991
3.	Ghosh C N, Ghosh A K, & Singh B	Estimation of Support Pressure and Strata Deformation in Board and Pillar Workings	MGMI, Transaction	Vol. 88 No. 1, April, 1991
4.	Tewary, B K	Ecological Impact of Mining in Coalfields	Times of India, Patna	20, April, 1991
5.	Tewary, B K	Ecological Impact of Mining in Coalfields	Economics Times of India	April, 1991
6.	Prakash A J Bagchi A Singh R B, Barman B K, Pal Roy P, Singh, M M & Singh, B	Structural Damage due to Blasting at Opencast Coal Mines	Journal of Mines Metals and Fuels Calcutta	Vol. XXXIX No. 4 April, 1991
7.	Maity S N & Singh, B	Development of A New Prop Telescopic Steel Prop with Hydraulic Setting Device	Minetech, Ranchi	Vol. 12 No. 5 1991
8.	Sirvastava S C, Sinha S, Bhattacharyya m M, Paul R K, 7 Singh, R V K	Analysis of Car born monoxide in Low Concentrations Using UV Visible Spectrophotometer	Indian Chemical Society	68(8) 481, August, 1991
9.	Jhanwar J C & Sharma A	Remote Sealing of Underground Fire A Status Review	Journal of Mines Metals and Fuels	August, Sept. 1991
10.	Chakraborty A K Pithanka A G, & Jethwa J L	Influence of Joint Directions on tunnel Blasting A Mode Study	Indian Mining and Engineering Journal	Vol. XXX October, 1991
11.	Nabiullah Md, Jagdish & Singh, B	Influence of Firing Current of Delay Time	Indian Mining and Engineering Journal	Vol. XXX No. 10, 1991
12.	Thakur D N Saroj K K, Arya P K, Gupta A, Birendra K & Mondal P K	Studies into the Effectiveness of Biodegasification of Coal Seams Under Aerobics Condition	Journal of mines Metals and Fuels	Nov. Dec. 1991
13.	Srivastava S, Sinha S, Bandyopadhyay L K & Tahkur P N	Microprocessor Based Switching of Intrinsically Safe Power form Surface to Underground Methane Sensor in Down Link and Data form Underground to Surface in Uplink on Same Pair of Conductor	Research and Industry	Vol. 36, December, 1991
14.	Bose J M, Banerjee D & Guha, D	Studies on Nox conversion Over Transition Metal Ion (TMI) Doped	Indian Journal of Chemistry	Vol. 30 A, 1991

		Alumina boria System		
15.	Singh B, Jethwa J L Duby A K & Singh, B	Correlation between Observed Support Pressure and Rock Mass Quality	Tunneling and Underground Space Technology	Vol. 7 No. 1, 1992
16.	Bhattacharya J, Roy G C and Ghosh A K	Planning A Long wall mine Face and Performance Parameters A verification of Existing Design in Jhanjhra Long wall Mine in Eastern Coalfields Ltd.	Mine Tech. Ranchi	Vol. 13, No. 1, 1992
17.	Sinha S, & Srivastava, S C	Catalytic Bead Type Methane Sensor for Mine Atmosphere	Research and Industry	Vol. 37, March, 1992
18.	Bandyopadhyay L K, Srivatava S, Sinha S, Sinha, S K Thakur P N & Srivatava S C	Experiences with Indigenous Microprocessor Based Data Accusative System for Mines	Research and Industry	Vol. 37, March, 1992
19.	Singh U K, Sinha A, Rathore S S & Dutta S K	Ground Stability Analysis for Mining by Sub label Caving Above An Existing Cut and Fill Stope A case Study	Journal of Mines Metals and Fuels, Calcutta	Vol. XL, No. 2, 1992

### Abroad

1.	Pal Roy P	Prediction and Control of Ground vibration Due to Blasting	Colliery Guardian, U K	Vol. XL, No. 2, 1992
2.	Roy T R and Singh, B	Computer Simulation of Transient Heat Flow in Underground Mine Airways	Mining Science and Technology, Netherlands	December, 1991

### PAPERS PRESENTED

#### INDIA

S/No.	Author	Title	Presented at	Data
1.	Tewary B K	Ecological Approach of Air Pollution Control	All India Institute of Social & Business Management, Calcutta	9 – 10, April, 1990
2.	Tewary B K	Eco-system and Its Relevance to Mining	Seminar on Environment Management Koyla Bhavan, BCCL Dhanbad	April, 1990
3.	Tewary B K	Land Reclamation and Eco-Development in Mining Areas	Executive training Programme, Eastern Coalfields Ratibati, Asansol	May, 1990
4.	Gupta P K	Characterization of Jhamarkotra Rock phosphate Mining Activity in Jaisamand lake Ecosystem Through Remote Sensing Technique	International Space year conference on Remote Sensing and GIS, India Sensing Centre Jawahar Lal Nehru University Delhi	26 – 28, February, 1991
5.	Tewary B K	Environmental Management of Mining	Executive Programme	February, 1991

6.	Abidi R, Singh T B, Abbas M & Singh B	Environmental Pollution Due to Coal Mining and preparation Plants in Jharia Coalfields	Diamond Jubilee Session of the national Academy of Sciences, Allahabad	5 – 6, May 1991
7.	Abbas M, Abidi R Singh, B	Mathematical Model for Predicting Dust Deposition in the Miner's Lung	Diamond Jubilee Session of the national Academy of Sciences, Allahabad	5 – 6, May 1991
8.	Tewary B K	Eco system Development and Afforestation in Mining Areas	Programme on Environment Management Koyla Bhavan BCCL, Dhanbad	June, 1991
9.	Abbas M, Baliga B D & Singh B	Use of Computers for Slope Stability Analysis	Sixth national Convention of Mining Engineers Organized by Institution of Engineers Rourkela Chapter	August, 1991
10.	Jethwa J L	Faster Tunneling Operations What Must be Done	Workshop on Tunnels Mine Roadways and Caverns Ooty	25 – 28, September, 1991
11.	Gupta P K	Certain Aspect of Soaps tone Mining Around Rikhedbeu Dist Udaipur Rajasthan through Remote Sensing Technique	International Conference on Mining MGMI, Calcutta	3 – 5, October, 1991
12.	Dhar B B C, Ghosh S K Monada S, Golay M S & Ghosh S	Concern and Care for Environment at Chotanagpur Role of Central Mining Research Station	Seminar on Concern and Care for Environment	5 – 6, October, 1991
13.	Pal Roy P	Blasting Research in Mines and Ground Excavations in India present Status and Future Prospects	Lead Science Conference on Science in India Prospect and Retrospect IICB Calcutta	29, September – 1, October, 1991
14.	Prasad V V R DUBY A K & Saini G S	A Computational Technique for Estimation of Rock Pressure and Planning of Bolting in Underground Openings	Workshop on Numerical Methods on Rock Excavation Design Organized by National Institute of Rock Mechanics Kolar Gold Fields	29 – 30, November, 1991
15.	Prasad V V R, Swarup A & DUBY A K	A Computational Technique for Assessment of Stability of Rock Slopes	Workshop on Numerical Methods on Rock Excavation Design Organised by National Institute of Rock Mechanics Kolar Gold Fields	29 – 30, November 1991
16.	Praead M, Singh U K, Singh B & Rajmeny P K	Simulation of Mechanical haviour of Slopes Using Finite Element Modeling	Workshop on Numerical Methods on Rock Excavation Design Organised by National Institute of Rock Mechanics Kolar Gold	29 – 30, November 1991
17.	Mohnot J K Saini G S and DUBY A K	Mineral Exploitation and Environment in Himalayan Mining Region	International Conference on Mineral Development at ISM, Dhanbad	28 – 30, November, 1991
18.	Goel R K & and Jethwa J L	Engineering Geological Problems and Assessment of Sup port Requirements for A Power House Cavern	Conference on Engineering Geological Concerns in Western India, Vadodara	November, 1991
19.	DUBY A K	Impact on Mining Activity on Environment An Overview of Small	National Workshop on Environmental Impact	4 – 9, December, 1991

		Mining Scenario	Assessment Management of Mining Activities in India at CMRS, Dhanbad	
20.	Gupta P K & Singh T N	Delineation of Geological Discontinuity in Coal mining Area Through Remote Sensing Technique	National Symposium on Remote Sensing of Environment Madras Chapter India Society of Remote Sensing Dehradun	10 – 12, December, 1991
21.	Ghosh A K, Singh & Raju N M	Development A New Stopping Methods as an Alternative to Opencast Mining to Protect the Himalayan Environmental at Jhiroli	MGMI Technical Paper Meeting Sijua Club BCCL Dhanbad	13, December, 1991
22.	Abbas M & Singh T N	Impacts of Information Technology on Coal Industry An Appraisal	61 <sup>st</sup> Annual Session of the National Academy of Science Allahabad	15 – 16, December, 1991
23.	Goel R K & Jethwa J L	Prediction of Support Pressure Using RMR Classification	Indian Geotechnical Conference Surat	15 – 17, December, 1991
24.	Jethwa J L	Need for Standardizing Tunnel Size India	Indian Geotechnical Conference Surat	15 – 17, December, 1991
25.	Gupta P K	Certain Mining Hydrological Aspects of Indian Coalfield	National Conference on Geotechnical Analysis and Performance Indian Geotechnical Society, Delhi	19 – 22, December, 1991
26.	Dhar b B, Banerjee B D & Singh A K	Estimation of Methane Emission to the Atmosphere form Indian Coal Mining	National Symposium on Environment and Development Scientific Approach Organised Under the Joint Auspices of the National Academy of Sciences Allahabad and Meerut University	19 – 20, December, 1991
27.	Abidi R & Singh B	Characterization of toxicants in Coke Oven Effluents and Acute Toxicity of its Major Pollutant Cyanide to Indian major Crops	61 <sup>st</sup> Annual Session of Indian Academy of Sciences Meerut U P	19 -21, December, 1991
28.	Bose J M & Guha D	ESCA Studies on CO Conversion Over TMI Doped Alumina Boria Catalyst System	6 <sup>th</sup> National Workshop cum Seminar on Catalysis in Energy Conversion and Environment	28 – 30, December, 1991
29.	Ehrlich H & Gupta A	Microbial Modulation of Galvanic Interaction in the Leaching of Mixed Sulphides	Catalysis Society of India Eastern Chapter ISM Dhanbad	28 – 30, December, 1991
30.	Golay M S	The Role of Exnobiotic on The Health of Society	International Conference on Mineral Development and Environment ISM	December, 1991
31.	Loveson V J, Kumar B & Saxena N C	Remote Sensing and Mine Environmental Degradation	National Symposium of Remote Sensing of Environment University (Madras)	1991

32.	Saxena N C	Subsidence Over Underground Excavations	Workshop on Tunnels Mine Roadways & Caverns at Udhagamandalam (Ooty)	1991
33.	Sxena N C	Can Underground Voids in Coal Mines be Using for Storage or any Other Purpose	Indo us Workshop on Underground Space technology New Delhi	1991
34	Saxena N C	Subsidence Prediction and Impacts	International Symposium on Mineral Development ISM Dhanbad	1991
35.	Ghosh A K & Sinha A	Application of Rock Mechanics in Decision on Stopping Policies at Uranium Mines in India	National Seminar on Mining Industry in India Current Status and Agenda for the Future Institute Hall Bengal Engineering College Howrah	10, January, 1992
36.	Ghosh C N Sinha A & Ghosh A K	The Recent Trend in Rock Mechanics Instrumentation for Underground Coal Mines	National Seminar on Mining Industry in India Current Status and Agenda for the Future Institute Hall Bengal Engineering College Howrah	10, January, 1992
37.	Maity S N	New Development of Vertical Props with High Setting Load and Future Proposal	National Seminar on Mining Industry in India Current Status and Agenda for the Future Institute Hall Bengal Engineering College Howrah	10, January, 1992
38.	Singh R P Jethwa J L & Dhar B B	Environmental Scenario in Indian Mining Industry An Overview	Fist National Workshop on Scocio economic Dimensions and Impacts of Mining Environment CMRS, Dhanbad	20 – 21, January, 1992
39.	Saxena N C Mondal S, Nair P K, Golay M S & Sinha J K	Socio economic Dimensions of Indian Coalfields	Fist National Workshop on Scocio economic Dimensions and Impacts of Mining Environment CMRS, Dhanbad	20 – 21, January, 1992
40.	Tarafder R N Ghara B & Lakshminarayanan G L	Selection and testing of Cables for hazardous Areas	National Workshop of testing Facilities for Mining & Allied Industrial Component at CMRS Dhanbad	6 – 7, March, 1992