

CMRS Publication, 1998 – 99

S/No.	Author	Title	Name of the Journal	Reference
1.	Tewary B K & Kumar A	Moss as an Indicator of Heavy Metal Pollution Monitoring	Journal of Ecology	Vol. 9, No. 2, 1997
2.	Singh, R V K, Ghosh S K & Dhar B B	Application of Fire Protective Coating for Preventing Spontaneous Heating in the Benches of Karkatta and Jagannath Opencast Coal Mine	Transactions, MGMI, Calcutta	Vol. 94, No. 1, March, 1998
3.	Prasad M & Singh V K	Optimization of Barrier Pillar to Avoid Inundation of Underground Workings form open pit in a Coal Mine (In Hindi) Slope Design of a Coal Mine	Minetech Ranchi	Vol. 19, No. 2, March – April, 1998
4.	Singh V K, Singh L K & Kumar A	Slope Design of a Coal Mine	Journal of Mines Metals and Fuels, Calcutta	Vol. XVI, No. 3 & 4, March, April, 1998
5.	Mondal S K, Banil P K & Dhar B B	Reliability Estimation of Longwall Equipment Systems	Institute of Engineers Journal on Mining	Vol. 10, May, 1998
6.	Jhnwar J C, Chakraborty A K, Anireddy H R, Jetwa J L & Biswas D K	Use of Air-deck Blasting for Productivity Improvement in an Opencast Coal Mine A Case Study	Minetech, Ranchi	Vol. 19, No. 3 & 4, 1998
7.	Tripathy D P & Patra A K	Trace Elements in Coal and Their Impact on Environment	Minetech, Ranchi	Vol. 19, No. 3 & 4, 1998
8.	Mandal S K & Banik P K	Comparative Failure Analysis to Predict Availability of Longwall Equipment System A Cast Study	Minetech, Ranchi	Vol. 19, No. 3 & 4, 1998
9.	Singh K B & Singh T N	Subsidence Control in Underground Coal Mining (In Hindi)	Minetech, Ranchi	Vol. 19, No. 3 & 4, 1998
10.	Singh, K K K	Status of Geophysical Methods for Inundation Hazad	Minetech, Ranchi	Vol. 19, No. 3 & 4, 1998
11.	Singh K K K & Singh T N	Application of Ground Penetrating Rader for Hydrogeological Study of Bicholime Mine Goa	Minetech, Ranchi	Vol. 19, No. 3 & 4, 1998
12.	Prasad G M & Lolarok R	Internet EK Avlokan	Deshkal Sampada, Ranchi	September, 1998
13.	Kumbhakar D, Mandal P K, Singh K P & Singh T N	Stowing of Coal Mine Voids Using Coal Ash Indian Scenario and Projection Towards Future	Journal of Coal Ash Institute of India, Calcutta	Vol. II, November, 1998
14.	Mondal P K, Sarkar M & Singh T N	Role of Instrumentation and Instruments to Study the Strata Behaviors during Depillaring Operation	The Indian Mining and Engineering Journal Bhubanerwar	Vol. 37, No. 12, December, 1998

15.	Arora M, Singh D B & Rupainwar D C	Abatement of cadmium (II) Contamination using Unconventional Adsorbent Feldspar	Chemical and Environmental Research, Aligarh	Vol. 6, no. 3 & 4, 1998
16.	Singh A K, Pandey J K, Verma N K & Gupta M L	Use of SF <sub>6</sub> as Tracer Gas to Analyse Ventilation Problems	Institution of Engineers Journal	Vol. 79, 1998
17.	Pal Roy P	Socio economics and Environmental Inputs of Blasting in Sensitive Regions and Remedial Measures	The Indian Mining and Engineering Journal	Vol. 38, No. 1, January, 1999
18.	Pal Roy P	New Techniques for Improved Performance in Surface Blasting Operation and Optimization of Blast Design parameters	Journal of Mines Metals & Fuels, Calcutta	Vol. XLVII, No. 1 & 2, Jan-Feb, 1999
19.	Mondal P K, Sarkar M & Dubey B K	Importance of Convergence Closure Measurements During Extraction of Coal in Underground Mines	Coal Mining Technology & Management, Ranchi	Vol. 4, No. 3, March, 1999
20.	Singh K K K & Singh, T N	Application of Ground Penetrating Radar for Mining Hazards	Minetech, Ranchi	Vol. 20, No. 1, 1999
21.	Prasad B & Jayprakash K C	Evaluation of Heavy Metals in Ground Water near Mining Area and Development of Heavy Metal Pollution Index	Journal of Environmental Science and Health	A, 34, (1), 1999
22.	Loveson V J & Rajamanickam G V	Coastal Geomorphological Assessment for Evaluating Southeastern Concomitant Coastal Zone A Remote Sensing Approach	Indian Journal of Geomorphology	Vol. 2, No. 1

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S/No.	Author	Title	Name of the Journal	Reference
1.	Pal Roy P	Fragmentation Analyzing Scale A Tool for Rock Breakage Assessment	Mining and Quarry World, UK	Vol. 1, No. 1, July, 1998
2.	Charkaborty A K, Raina A K, Ramulu M, Jethwa J L & Gupta R N	Lake tap at Koyna	World Tunneling & Subsurface Excavation U K	November, 1998
3.	Singh B, Goel R K, Mehrotra V k, garg S K & Allu M R	Effect of Immediate Principal Stress in Strength of Anisotropic Rock Mass	Tunneling and Underground Space Technology USA	Vol. 13, No. 1, 1998
4.	Charkaborty A K, Pal Roy P, Jethwa J L & Gupta R N	Blast Performance in Small Tunnels A Critical Evaluation in Underground Metal Mines	Tunneling and Underground Space Technology USA	Vol. 13, No. 3, 1998
5.	Singh P K, Vogt W & Singh D P	Effect of Directing Initiation on Blast Vibration	International Journal of Surface mining Reclamation on Environmental,	Vol. 12, 1998

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6.	Pal Roy P	Characteristics of Ground Vibrations and Structural Response to Surface and Underground Blasting	Geotechnical and Geological Engineering U K	Vol. 16, 1998
7.	Singh K B & Singh T N	Ground Movements Over Longwall Workings in the Kamptee Coalfields India	International Journal of Engineering Geology	Vol. 50, No. 1 – 2, 1998
8.	Singh, P K & Vogt W	Ground Vibration Prediction for Safe and Efficient Blasting	International Journal of ERZMETALL, Germany	Vol. 51, No. 10, 1998
9.	Singh D B, Rupaniwar D C, Prasad G & jayprakash K C	Studies on the Cd (II) Removal from Water by Adsorption	Journal of Hazardous Material, USA	60 (1998)
10.	Singh A K & Bose S K	Tracks of 16.34 MeV/n <sup>238</sup> U Ions A Stack of Makrofol N Plastic Track Detectors	Journal of Physics D: Application Physics, UK	31, 1998
11.	P John Loui	A Coding Error Elimination Procedure for Verifying Finite Element Programs with Forced and Natural Boundary Conditions	International Journal for Numerical Methods in Engineering, U K	Vol. 44, February, 1999