

## List of publications

1. Sagesh Kumar M R., R M Bhattacharjee, D C Panigrahi and A K Dash (2016) "HEALTH AND SAFETY ISSUES OF EXHAUST GASES AND DIESEL PARTICULATE MATTER FROM DIESEL POWERED EQUIPMENT OPERATION IN INDIAN UNDERGROUND MINES" presented in the 6<sup>th</sup> ASIAN MINING CONGRESS, 23 – 26 February 2016, Kolkata, Organized by India, The Mining Geological and Metallurgical Institute of India (MGMI). Pp 441-450.
2. Yejerla Yohan, Satyendra K Singh, Harshit Agrawal and Ram Madhab Bhattacharjee (2016) "THICK COAL SEAM EXTRACTION VIS-À-VIS RIB STABILITY" presented in the 6<sup>th</sup> ASIAN MINING CONGRESS, 23 – 26 February 2016, Kolkata, Organized by India, The Mining Geological and Metallurgical Institute of India (MGMI). pp.457-462.
3. D. R. Singh, A. K. Dash, A. K. Mishra, R. M. Bhattacharjee and P. S. Paul (2015) "An overview of slope monitoring radar system for averting slope failures" Proceeding of National Seminar on Mining Industry: Challenges and Opportunities (MICO'15) Organized by Indian Mines Managers' Association (IMMA), pp. 45-54.
4. Singh D. R., Dash A. K., Mishra A. K., Bhattacharjee R. M. and Paul P. S. (2015) "Slope monitoring radar system: An effective tool for averting slope failures", presented in the All India Seminar on SLOPE STABILITY ISSUES IN OPENCAST MINING AND CIVIL ENGINEERING (SSIOCM15) July 25-26 2015, Organized by Department of Mining Engineering, National Institute of Technology, Rourkela.
5. Dash A. K., Bhattacharjee, R. M. and Paul P. S. (2015) "A New Approach in Accident Investigation Methodology for Indian Coal Mines" Proceedings of the National Seminar on Challenges in Mining & Mineral Industries (CMMI-2015) Organized by Department of Mining & Mineral Engineering, GCE, Keonjhar, pp. 119-124
6. Dash A. K., Paul, P. S. and Bhattacharjee, R. M., (2015) "Need of an Accident Investigation Model for Indian Mines - An Approach" The Indian Mineral Industry Journal, Vol. 3, No.2, pp. 93-98.
7. Dash A. K., Bhattacharjee, R. M., Paul, P. S. and Malay Tikader (2015) "Study and Analysis of Accidents Due to Wheeled Trackless Transportation Machinery in Indian Coal Mines – Identification of Gap in Current Investigation System". Procedia Earth and Planetary Science, Volume 11, 2015, pp. 539–547.
8. Dash A. K., Bhattacharjee, R. M. and Paul, P. S. (2015) "Gap Analysis of Accident Investigation Methodology in the Indian Mining Industry - an Application of Swiss Cheese Model and 5-Why Model" IAMURE International Journal of Ecology and Conservation, Philippines. Vol. 15, No. 1 pp. 1-27
9. R. M. Bhattacharjee (2015) "Science and Art of Modern Accident and Incident Management System in Mining- Need For Change Focus in Mining" Proceedings of the International Conference on Safety & Health Management in Mining Industry, 29<sup>th</sup> -31<sup>st</sup> January 2015, Kolkata, India, pp. 339-355
10. Dash A. K., Paul, P. S. and Bhattacharjee, R. M., (2014) "Accident Analysis of Indian Non-coal Mines- Need for Change in Focus of Accident Investigation". The Indian Mineral Industry Journal, Vol. II, No.2/Q<sub>2</sub>, pp.47-51.
11. A K Mishra, D K Mallick and R M Bhattacharjee (2014) "Flyrock related accidents and its mitigation in surface mines" Proceeding of National Seminar on Surface Mining (NSSM) Organized by Department of Mining Engineering, I.S.M., Dhanbad, pp.335-346
12. Bhattacharjee, R. M., Dash, A. K., and Paul, P. S., (2014) "Changing Philosophy of Accident Investigation In Indian Mines – Need for Shifting Focus from Human Error to System Error". Proceeding of National Seminar on Surface Mining (NSSM) Organized by Department of Mining Engineering, I.S.M., Dhanbad, pp.321-333.
13. Dash A. K., Paul, P. S. and Bhattacharjee, R. M., (2014) "Development of Accident Investigation Methodologies for Indian Coal Mines-An Approach" Proceeding of National Seminar on Mining Industry: Challenges & Opportunities (MICO' 14) Organized by Indian Mines Managers' Association, pp 45-49.
14. R.M. Bhattacharje and D.C. Panigrahi (2014) "Development of a model for categorization of pillars with respect to their proneness to spontaneous heating in bord and pillar mines of Indian coalfields" Proceedings

of the 10th International Mine Ventilation Congress (10th IMVC), Sun City, South Africa, 2 to 8 August, 2014, pp.325-331

15. R M Bhattacharjee (2013) “Change in philosophy of safety and health management system in Indian Mines – need of the hour to achieve Zero Harm” Proceeding of National Seminar on Mining Industry: Challenges and Opportunities (MICO’13) Organized by Indian Mines Managers’ Association in association with Department of Mining Engineering, I.S.M., Dhanbad pp. 43-50

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