

Non – SCI Publication List 2018

1	Ansari, Iqbal, Kumar, Ritesh, Sundararajan, M. and Sharma, Sadanand	Study on Altered Depiction of Pond Water Quality During Post-Immersion of Idols.	Indian Journal of Environmental Protection, 38 (4). pp. 278-290. 2018, ISSN 0253-7141
2	Bagde, M.N	The Influence of Stoping Sequence and Various Rock Mechanics Parameters on Backfill Failure in Hard Rock Mining with Delayed Backfilling: The Review and Field Data Analysis Study.	Indian Mining & Engineering Journal, 57 (5). pp. 17-30. 2018, ISSN 0019-5944
3	Charan, T. Gouri, Chattopadhyay, U.S., Sinha, K.M.K., Singh, K.M.P. and Singh, P.K.	Beneficiation and utilization of low volatile coking coal and non-linked washery Indian coking coals for metallurgical purposes.	Journal of Mines, Metals & Fuels, 66 (7). pp. 365-369. 2018, ISSN 0022-2755
4	Charan, T. Gouri, Chaudhuri, Sanjay, Majhi, S.C., Prasad , P.S. and Singh, P.K	Studies on the cleaning potentialities of high ash Indian non-coking coals for meeting the MOEF's stipulations.	Journal of Mines, Metals & Fuels, 66 (7). pp. 370-374. 2018, ISSN 0022-2755
5	Charan, T.Gouri, Chattopadhyay, U.S., Majhi, S.C. and Singh, P.K.	Selective drop breakage studies: a precursor for dry deshaling of Indian non-coking coals.	Journal of Mines, Metals & Fuels, , 66 (7). pp. 379-382. 2018, ISSN 0022-2755
6	Charan , T. Gouri, Sinha, K.M.K., Singh, K.M.P, Prasad, P.S. and Singh, P.K.	Studies on the Utilization of Non-Coking Coal after Beneficiation for Pulverized Coal Injection.	Minetech, 39 (2). pp. 30-36. 2018, ISSN 0970-7204
7	Chattopadhyay, U.S., Charan, T. Gouri, Bayen, G.K. and Singh, P.K.	Laboratory and pilot plant flotation studies on settling pond coking coal fines and its utilization for metallurgical purposes.	Journal of Mines, Metals & Fuels, 66 (7). pp. 375-378. 2018, ISSN 0022-2755

8	Chavan, Prakash D. and Mendhe, V.A.	Co-gasification of coal and biomass an emerging clean energy technology: Status and prospects of development in Indian context.	International Journal of Mining Science and Technology. (In Press) 2018
9	Das, Arka Jyoti and Mandal, Prabhat Kumar	Strategies for underground Extraction of the inclined coal seams by continuous miner.	Mining, Geological and Metallurgical Institute, 114. pp. 2-12. 2018
10	Dutta, Sujit Kumar and Kumar, Manish	Techno economic analysis of chemical looping system for Indian power plants.	Environmental Technology & Innovation, 9. pp. 16-29. ISSN 2352-1864 2018
11	Dwivedi, R.D., Goel, R.K. and Singh, P.K.	Study of thermal behaviour of micro-cracks in granulite.	Journal of Rock Mechanics and Tunnelling Technology, 24 (1). pp. 27-37. 2018, ISSN 0971-9059
12	Goel, R.K.	NATM, NMT and Hybrid of the Two Approaches for Tunnelling.	Journal of Rock Mechanics and Tunnelling Technology, 24 (2). pp. 81-93.2018, ISSN 0971-9059
13	Kumar, Arvind, Singh, A.K. and vishwakarma, R.K.	(2018) Design Evaluation and Temperature Rise Test of Flameproof Induction Motor.	International Journal on Recent and Innovation Trends in Computing and Communication, 6 (7). pp. 26-32. 2018, ISSN 2321-8169
14	Kumar, Niraj, Singh, Ajoy Kumar, Kumar, Ranjan and Sinha, A. .	In-Situ Stress Measurement in Raniganj Coalfield and Its Applications in Mine Stability Analysis.	Indian Geotechnical Journal
15	Kumar, Subhash, Mishra, P.K., Kumar, Jitendra and Prasad, Sandeep	Evolution of Applicability of robotics in underground mine services.	Journal of Mines, Metals & Fuels, 66 (3). pp. 171-175.2018, ISSN 0022-2755

16	Kumar, Subhash, Mishra, P.K. and Mandal, P.K.	Study of Detection Techniques for Heating of Coal in Underground Coal Mines.	Indian Mining & Engineering Journal, 57 (10). pp. 29-34. 2018, ISSN 0019-5944	
17	kashyap, S.K., Mallick, Mousumi, Singh, R.P. and Verma, Manoranjan	A comparative Study between experimental and theoretical buckling load for hollow steel column.	International Journal of Engineering Science and Technology, 10 (3). pp. 27-33. 2018	
18	Mandal, Prabhat Kumar and Das , Arka Jyoti	Prediction of coal bump with respect to local mine stiffness and post-failure stiffness using numerical modelling.	Journal of Mines Metals & Fuels, 66 (6). pp. 328-338. 2018, ISSN 0022-2755	
19	Mandal, S.K., Ghosh, A.k. and Oraon, S.	Controlled Blasting for Deconstruction of a Railway Bridge Near Sahibganj.	Journal of The Institution of Engineers (India): Series A, 99 (2). pp. 359-367. 2018, ISSN 2250-2149	
20	Mukherjee, Ashish and Das, T.B.	Prediction of coal ash fusion temperatures using computational intelligence based models.	International Journal of Coal Science & Technology. 2018, ISSN 2095-8293	
21	Mukherjee, D., Selvi, V.A. and Masto, R.E.	INVESTIGATION OF COAL-METHANOARCHAEL ASSEMBLAGE IN DEEP SUBSURFACEUNDERGROUND USING ENRICHMENT CULTURE TECHNIQUE.	Petroleum and Coal Journal , 60 (5). pp. 951-960. 2018, ISSN 1337-7027	
22	Pandey, J.K.	Role of oxygen vacancy in cobalt doped ceria catalyst for styrene epoxidation using molecular oxygen.	Molecular Catalysis, 451. pp. 238-246. 2018	
23	Raina, A.K. and Trivedi,	Exploring Rock-Explosive	Geotechnical and Geological	

	Ratnesh	Interaction Through Cross Blasthole Pressure Measurements.	Engineering. 2018, ISSN 0960-3182	
24	Sakhre, D.K.	Coal Winnowing: An Innovative Technique for Dry Coal Beneficiation.	CPSI Journal, 10 (28). pp. 3-13. 2018	
25	Selvi, V.A.	Bioprocess technology for coal washer effluent treatment by Lemna minor.	Remediation. 2018, ISSN 1520-6831	
26	Singh, Abhay Kumar and Mahato, Mukesh Kumar	Assessment of groundwater quality of Pratapgarh district quality index (WQI) and GIS technique.	Sustainable Water Resources Management, 4 (3). pp. 601-616. 2018, ISSN 2363-5037	
27	Singh, K.B. and Verma, Chandan Prasad	Numerical Modeling of Pot-Hole Subsidence Due to Shallow Underground Coal Mining in Structurally Disturbed Ground.	Journal of The Institution of Engineers (India): Series D, 99 (1). pp. 93-101.2018, ISSN 2250-2122	
28.	Singh, K.M.P, Ujala, Priyanka Kumari, Charan, T.Gouri, Ramana, G, Sinha, Anandaya and Singh, P.K.	Studies on the characterization of Indian coals using FE-SEM and EDS and its relevance to coal washability.	Journal of Mines, Metals & Fuels, , 66 (7). pp. 388-396. 2018, ISSN 0022-2755	
29	Singh, R.P., Mallick, Mousumi and Verma, M.K.	Effect on microstructure of TMT welded bar under different cooling media.	Journal of Mines, Metals & Fuels, 66 (6). pp. 354-362. 2018, ISSN 0022-2755	
30	Singh, Ranjeet Kumar, Singh, Manmohan, Singh, Shailendra K. and Singh, R.S.	Land use/land cover change detection analysis using remote sensing and GIS of Dhanbad district, India.	Eurasian Journal of Forest Science, 6 (2). pp. 1-12. 2018	

31	Sinha, K.M.K., Majhi, S.C., Prasad, P.S. and Charan, T.Gouri	Beneficiation studies on high ash Indian coking coal using heavy medium cyclone test rig.	Journal of Mines, Metals & Fuels, 66 (7). pp. 383-387. 2018, ISSN 0022-2755	
32	Tripathi, R.C., Jha, S.K., Bharati, S.K. and Srivastava, N.k.	Mass Balance of Heavy Metals of Fly Ash in Soil and Crops.	Journal of Hazardous, Toxic, and Radioactive Waste, 22 (4). 2018, ISSN 2153-5493	
33	Vishwakarma, R.K., Singh, Arvind Kumar, Ahirwal, Bhagirath and Sinha, A.	Development of Diesel Engine Operated Forklift Truck for Explosive Gas Atmospheres.	Journal of The Institution of Engineers (India): Series C. 2018	
34	Benerjee, Gautam	Strata behaviour of a wide and deep longwall panel under massive sandstone bed - a case study.	Journal of Mines, Metals & Fuels, 66 (11). pp. 811-817. 2018, ISSN 0022-2755	
35	Sahu, Gajanan, Gupta, Navneet Kumar, Saha, Sujan, Datta, Sudipta, Chavan, Prakash D, Kumari, Neelam and Dutta, P.	A Review on Biodiesel Production through Heterogeneous Catalysis Route.	ChemBioEng Reviews, 5 (4). pp. 231-252, 2018	