



**सीएसआईआर- केन्द्रीय खनन एवं ईंधन अनुसंधान संस्थान**  
**CSIR - CENTRAL INSTITUTE OF MINING & FUEL RESEARCH**

Sl.No.	Authors Name	Title	Journals Name	Impact Factor
1.	Charan, T.Gouri	Optimization of surfactant-aided coarse coal dewatering process in a pilot-scale centrifuge.	Powder Technology, 349.2019, pp. 12-20.	
2.	Chattopadhyay, U.S. and Maity, Sudip and Charan, T. Gouri	Studies on the Segregation of Minerals in Different Size and Gravity Fractions While Treating Indian Coal.	Minetech, 40 (1). 2019, pp. 24-31. ISSN 0970-7204	
3.	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, 29 (2). 2019, pp. 171-186.	
4.	Gopinathan, P.	Soil Water content measurement using hyperspectral remote sensing techniques - A case study from north-western part of Tamil Nadu, India	Remote Sensing Applications: Society and Environment, 14. pp. 1-7. 2019	
5.	Kashyap, S.K. and Kumar, Lalan and Sinha, Amalendu	Slow loading yielding prop for underground mines – an invention.	Journal of Mines Metals & Fuels, 67 (5). 2019, pp. 261-263. ISSN 0022-2755	



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6.	Kumar, Priyesh and Trivedi, Ratnesh	Optimum Utilization of Continuous Miner for Optimization of Production in Board and Pillar Mining Method in Indian Underground Coal Mines.	Indian Mining & Engineering Journal, 58 (5-6). 2019, pp. 17-23. ISSN 0019-5944
7.	Kumar, Ritesh and Kumar, Ajit and Sharma, Sadanand and Sundararajan, M.	Understanding Coal Combustion Residues Leaching Chemistry Under Disposal Environment.	Indian Journal of Environmental Protection, 39 (4). 2019, pp. 314-320. ISSN 0253-7141
8.	Kumar, Ritesh and Sharma, Sadanand and Kumar, Ajit	Coal Combustion Residues Characterization Using Scanning Electron Microscopy & Energy Dispersive X-Ray (SEM-EDXA) Analysis.	Characterization and Application of Nanomaterials, 2 (2). 2019
9.	Kumar, Ritesh and Sundararajan, M.	Corporate Social Responsibility For Sustainable Development.	Indian Journal of Environmental Protection, 39 (6). 2019, pp. 545-550. ISSN 0253-7141
10.	Prakash, A.	An Approach to Assess Influence of Rock Properties on the Operating Parameters of Surface Miner.	Minetech, 40 (1). 2019, pp. 42-50. ISSN 0970-7204
11.	Raina, A.K.	Some insights into fracturing of rock due to blasting in homogeneous material using particle flow code.	Journal of Mines, Metals & Fuels, 67 (1). 2019, pp. 24-30. ISSN 0022-2755
12.	Roy, P. Pal and Sawmliana, C. and Singh, Rakesh Kumar	Presplit blasting for stabilization of highwall slopes and productivity enhancement in a trench-mining project.	Journal of Mines, Metals & Fuels, 67 (4). 2019, pp. 184-191. ISSN 0022-2755



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13.	Tiwary, R.K.	Development of simplified WQIs for assessment of spatial and temporal variations of surface water quality in upper Damodar river basin, eastern India.	Applied Water Science, 9 (1). 2019, p. 21. ISSN 2190-5487	
14.	Tripathi, R.C. and Kalyani, V.K. and Jha, S.K. and Srivastava, N.K. and Thakur, S.K.	IMPACT OF PLANT NUTRIENTS ON PREDICTION OF WHEAT CROP YIELD FROM POND ASH AMENDED FIELD BY ARTIFICIAL NEURAL NETWORKS.	Journal of Solid Waste Technology and Management, 45 (1). 2019, pp. 76-83.	
15.	Singh, P.K.	Study on the influence of initiation system on blast induced ground vibration in dragline operations.	Journal of Mines, Metals & Fuels, 67 (1). 2019, pp. 1-6. ISSN 0022-2755	
16.	Vishwakarma, R.K. and Singh, Arvind Kumar and 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, 100 (2). 2019, pp. 271-276.	
17.	Himanshu, Vivek Kumar and Roy, M.P. and Singh, P.K.	<i>Dynamic simulation approach to assess influence of charging parameters on blast induced vibration.</i>	Journal of Mines Metals & Fuels, 67 (6). 2019, pp. 299-306. ISSN 0022-2755	
18.	Raina, A.K. and Trivedi, Ratnesh	<i>Exploring Rock-Explosive Interaction Through Cross Blasthole Pressure Measurements.</i>	Geotechnical and Geological Engineering, 37 (2). 2019, pp. 651-658. ISSN 0960-3182	



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19.	Deshmukh, Suraj, Raina, A.K., Pandey, Prashant, Vajre, R., Trivedi, Ratnesh and Murthy, V.M.S.R.	<i>Mechanical wear of cutters in tunnel boring machines – a comprehensive review.</i>	Journal of Mines, Metals & Fuels, 67 (9). 2019, pp. 391-402. ISSN 0022-2755	
20	Singh, R.K. Singh, S.K. Singh, R. and <b>Singh, R.S.</b>	Beneficial Poisonous Plant and their Therapeutic Values in Coal Capital City of Dhanbad, Jharkhand, India.	<i>Acta Scientific Agriculture</i> , 3(6) 89-94 (2019).	
21.	Mohalik, N.K., Mishra, Debashish, Ray, Santosh Kumar, Varma, N.K., Khan, A.M. and Sahay, N.	<i>Laboratory Investigation to Assess Spontaneous Combustion/Fire During Extraction of Thick Coal Seam.</i>	Journal of The Institution of Engineers (India): Series D. pp. 1-14. 2019, ISSN 2250-2122	
22.	Kumar, Ashok and Singh, Arun Kumar and Kumar, Dheeraj and Ram, Sahendra and Kumar, Rakesh and Singh, Amit Kumar and Singh, Rajendra	<i>Caveability Assessment of a Hanging Overlying Massive Deccan Trap and its Effect on Underground.</i>	Insights in Mining Science and Technology, 1 (3). 2019, pp. 1-11	
23	Mohalik, N.K., Khan, Asfar M., Kumar, A., Ray, S.K., Mishra, Debashish, Varma, N.K. and Sahay, N.	Optimization of ventilation system for prevention of spontaneous heating/fire during extraction of thick coal seam - a CFD approach	Journal of Mines Metals & Fuels 67 (10), 2019, pp. 452 - 460	
24.	Bhagirath, Ahirwal and Chatterjee, T. K and Singh, A. K	<i>Design, analysis and comparison of methods to increase time tE of increased safety motor for hazardous area.</i>	Journal of Electrical Engineering, 19 (3). 2019, pp. 513-521.	



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25.	Bhagirath, Ahirwal and Vishwakarma, R. K	<i>Study of temperature classification, spark ignition and drop test assessment on secondary cells for intrinsically safe equipment for explosive atmospheres.</i>	Process Safety Progress , 39 (4).2019, pp. 1-7.	
26.	Singh R. K., Singha M., Singh S. K., Pal D., Tripathi N., 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; Volume 6, Issue 2, Jan 2018, Pages 1-12.	
27.	N. Kumar, R. Kumar, R.	Stability assessment of old underground coal mine openings for the safety of overlying railway tracks.	Journal of The Institution of Engineers (India): Series D, 1-11 (DOI: <a href="https://doi.org/10.1007/s40033-019-00182-5">https://doi.org/10.1007/s40033-019-00182-5</a> , Published online by Springer on April 5, 2019).	
28.	सुधीर कुमार कश्यप, ललन कुमार, भागीरथ अहिरवाल	अविनाशकारी परीक्षण – खनन उपकरणों के संदर्भ में.	सिंफर संवाद- तृतीय अंक, 06.08.2019).	
29.	Majumdar S., Jha A.K., Pranita and Mishra K. K.	Characterization of motmorillonite minerals.	Journal of emerging Technology and Innovative Research, Vol:6 , Issue : 3. Pages : 585-598,2019 (India)	
30.	Singh R. K., Singh S. K., Singh R., Singh R. S.	Beneficial Poisonous plants and therapeutic values in coal capital city of Dhanbad, Jharkhand, India.	Acta Scientific Agriculture 3(6), 89-94.	



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31.	<b>Rukhaiyar, S.</b> , Huang, S., Song, H., Lin, P., Garg, A. and Bordoloi, S.	A New Intelligent Model for Computing Crack in Compacted Soil-Biochar Mix: Application in Green Infrastructure.	Geotechnical and Geological Engineering, pp.1-14.	
32.	R. Trivedi, Tiwary, R.K., Kumar, P. and Raina, A.K.	Environment management plan of iron ore mining region of Saranda Forest, Jharkhand, India.	Mining Engineers Journal, 21(2): 13-19.	
33.	Deshmukh, S., Vajre, R., Raina, A.K. and Trivedi.	Sensor Networking with IoT in Underground Excavation to monitor Productivity and Safety.	Mining Engineers Journal MEAJ, 20(10), pp.15-23.	