

### Non-SCI Journal Publication 2017.

Sl. No.	Authors	Title	Journal Name	IF
1.	Ahirwal, Bhagirath	Intrinsic Safety Protection for Explosive Atmosphere: A Review	International Journal of Engineering and Applied Sciences, 4 (7). 2017, pp. 81-84. ISSN ISSN: 2394-3661	
2.	Ahirwal, Bhagirath and Vishwakarma, R.K. and Singh, A.K.	Maintenance and Safety Requirements of Flameproof and Intrinsically Safe Equipment for Coal Mines.	Indonesian Journal of Electrical Engineering and Computer Science, 6 (1). 2017, pp. 9-15	
3.	Ahmad, Mobin	Satellite Image Based Study for Land Use Land Cover Changed due to Mining Activity during (1987 to 2011) at Dhanbad District of Jharkhand.	International Journal for Scientific & Development, 4 (12).2017 pp. 962-965.	
4.	Bagde, M.N. and Sangode, A.G. and Jhanwar, J.C.	Evaluation of Stopping Parameters Through Instrumentation and Numerical Modelling in Manganese Mine in India: a Case Study.	Procedia Engineering, 191. 2017, pp. 10-19. ISSN 1877-7058	
5.	Hembram, P. and Sawmliana, C. and Singh, R.K. and Pal, Roy P.	Effect of layer thickness of rocks on blast fragmentation - case study in a limestone mine.	Journal of Mines, Metals & Fuels, 65 (6). 2017, pp. 375-379. ISSN 0022-2755	
6.	Kashyap, S.K	EFFECT OF GEOMETRICAL PARAMETERS ON BUCKLING STRENGTH OF MILD STEEL COLUMN FOR VARYING WALL THICKNESS.	International Journal of Research in Engineering and Technology, 6 (7). 2017, pp. 98-102. ISSN 2321-7308	

7.	Kumar, Nikhil	Algal Biodiversity and Quality of Ponds Water within the Coal City Dhanbad.	International Journal of Geology, Agriculture and Environmental Sciences , 5 (4). 2017 pp. 47-58. ISSN 2348-0254	
8.	Kumar, Nikhil	Boyd's Diversity Index of Ponds in Coal Mining City Dhanbad, Jharkhand, India.	International Journal of Engineering and Technical Research, 7 (8). 2017, pp. 25-32. ISSN 2454-4698	
9.	Kumar, Nikhil	Carbon Sequestration by Different Tree Species at Malanjhand, district Balaghat, Madhya Pradesh, India.	American Journal of Engineering Research, 6 (10). 2017, pp. 6-13. ISSN 2320-0936	
10.	Kumar, Nikhil	GREEN-ROOF TECHNOLOGY (GRT) DEVELOPMENT FOR THE ABATEMENT OF POLLUTION AND RADIATION IN THE CITIES INFLUENCED WITH INDUSTRIAL POLLUTION.	International Journal of Advance Research in Science and Engineering, 6 (9). 2017, pp. 84-120. ISSN 2319-8346	
11.	Kumar, Nikhil	Measurement for Diversity Indices of Algal Community in different Ponds in Coal Mining City Dhanbad, Jharkhand, India.	International Journal of Engineering and Applied Sciences, 4 (8). 2017, pp. 47-54. ISSN ISSN: 2394-3661	
12.	Kumar, Ranjan and Ghosh, A.K.	Mines Systems Safety Improvement Using an Integrated Event Tree and Fault Tree Analysis.	Journal of The Institution of Engineers (India): Series D, 98 (1). 2017, pp. 101-108. ISSN 2250-2122	
13.	Kumar, Ritesh and Sharma, Sadanand and Sundararajan, M.	ENVIRONMENTAL ISSUES IN UNDERGROUND COAL GASIFICATION: THE FUTURE CLEAN AND GREEN ENERGY RESOURCE.	INTERNATIONAL JOURNAL OF ENGINEERING SCIENCES & RESEARCH TECHNOLOGY. 2017, pp. 104-110. ISSN 2277-9655	

14.	Kumar , Nikhil	Teak ( <i>Tectona grandis</i> ) Plantation towards Carbon Sequestration and Climate Change Mitigation in district Balaghat, Madhya Pradesh, India.	International Journal of Innovative Research in Science, Engineering and Technology, 6 (9). 2017, pp. 18673-18685. ISSN 2347-6710
15.	Mendhe, V.A.	Geological Controls and Flow Mechanism of Permian Shale Gas Reservoir of Raniganj Basin, West Bengal, India.	Journal of Geosciences Research (1). 2017, pp. 161-172. ISSN 2455-1953
16.	Mendhe, V.A. and Sharma, Sadanand and Singh, Harendra	Influence of Thermal Maturity and Maceral Content of Coal Seams on In-situ Gas and its Composition at East Bokaro CBM Block, Jharkhand, India.	Journal of Geosciences Research (1). 2017, pp. 173-182. ISSN 2455-1953
17.	Mendhe, V.A. and Singh, A.P.	Coalbed methane-produced water quality and its management options in Raniganj Basin, West Bengal, India.	Applied Water Science, 7 (3). 2017, pp. 1359-1367. ISSN 2190-5487
18.	Mohalik, N.K. and Pandey, J. and Singh, R.V.K.	Development of a Spontaneous Heating / Fire Risk Index for Opencast Coal Mines.	Mining Engineers Journal, 18 (10). 2017, pp. 16-24. ISSN 0975-3001
19.	Pal, Roy P.	Equivalent Spherical Charge Conversion (ESCC) Approach for Prediction of Ground Vibration due to Blasting.	Indian Mining & Engineering Journal, 56 (4). 2017, pp. 17-22. ISSN 0019-5944
20.	Pal, Roy P.	An equivalent spherical charge conversion (ESCC) approach for prediction of ground vibration due to blasting.	Mining Technology : Transactions of the Institution of Mining and Metallurgy Section A126 (2). 2017, pp. 88-95. ISSN 1474-9009
21.	Paul, Avinash and Prakash, A. and Singh, Ajoy Kumar	Performance Investigation of Rock Mass Classification Systems for Coal Mine Support Design in Indian Mining Conditions.	International Journal of Earth Sciences and Engineering, 10 (6). 2017, pp. 1212-1219. ISSN 0974-5904

22.	Prasad, Bably	Ground water quality evaluation in the lean period of a mining township.	Applied Water Science, 7 (7). 2017, pp. 3553-3560. ISSN 2190-5495	
23.	Saharan, Mani Ram	Explosive Energy Utilization Enhancement with Air-Decking and Stemming Plug, 'SPARSH'.	Procedia Engineering, 191. 2017, pp. 1211-1217. ISSN 1877-7058	
24.	Selvi, V.A. and Masto, R.E.	Ecological Marks for Coalbed Methane Gas (CBM) Reservoir at Damodar River Basin.	International Journal of Innovative Research in Science, Engineering and Technology, 6 (5). 2017, pp. 9384-9390. ISSN 2347-6710	
25.	Selvi, V.A. and Masto, R.E.	Green algae of the genus Spirogyra: A potential absorbent for heavy metal from coal mine water.	Remediation Journal, 27 (3). 2017, pp. 81-90.	
26.	Sharma, Sadanand and Kumar, Ritesh and Sundararajan, M and Pandey, J.K.	Environmental Issues of Thermal Power Generation and its Control Measures.	International Journal of Engineering Sciences & Research Technology. 2017, pp. 4-11. ISSN 2277-9655	
27.	Singh, Abhay Kumar	Hydrogeochemical analysis and evaluation of surface water quality of Pratapgarh district, Uttar Pradesh, India.	Applied Water Science, 7 (4). 2017, pp. 1609-1623. ISSN 2190-5487	
28.	Singh, R.S. and Ansari, Iqbal and Singh, Ranjeet Kumar and Singh, Shailendra Kumar	Medicinal plants in ex-situ conservation and its therapeutic in mine impacted lands of dry tropical forests of Jharkhand, India.	Eurasian Journal of Forest Science, 5 (2). 2017, pp. 44-69. ISSN 2147-7493	
29.	Singh, R.S. and Singh, Ranjeet Kumar and Bera, Surjit	Impact of Mining on Herbaceous Ground Cover and wild Fauna in Birsha-Damoh Forest Range of Malanjkhand Copper mines of India.	Eurasian Journal of Forest Science , 5 (1). 2017, pp. 1-7. ISSN 2147-7493	

30.	Singh, Rajendra and Ram, Sahendra and Singh, Arun Kumar and Kumar, Ashok and Kumar, Rakesh and Singh, Amit Kumar	Rock Mechanics Considerations for Roof Bolt-Based Breaker Line Design.	Procedia Engineering, 191. pp. 551-559. ISSN 1877-7058	
31.	Singh, Shripal and Jaiswal, Rinku	Preparation of magnetic iron oxide nanoparticles activated carbon composite from corncob and its application for removal of organic pollutants.	Research Journal of Chemical Sciences, 7 (4). 2017, pp. 24-33. ISSN 2231-606X	
32.	Singh, Shripal and Jaiswal, Rinku	Scavenging of phenolic compounds from aqueous waste using magnetic nanoparticles activated carbon prepared from date seed.	Research Journal of Recent Sciences, 6 (4). 2017, pp. 18-27.	
33.	Soni, A.K.	Underground Utilities: Constructing a Sustainable Future.	Indian Mining & Engineering Journal, 56 (10). 2017, pp. 25-29. ISSN 0019-5944	
34.	Srivastava, N.K. and Tripathi, R.C. and Jha, S.K. and Bharati, S.K. and Masto, R.E. and Selvi, V.A. and Thakur, S.K.	उड़नराखकेउपयोगद्वरानिम्नीकृत/बंजरभूमिकापु नरुद्धार.	Bhartiya Vaigyanikevamaudyogi kAnusandhanpatrika, 25 (1&2). 2017, pp. 30-37. ISSN 0771-7706	
35.	tripathi, R.C. and Masto, R.E. and Selvi, V.A. and Jha, S.K. and Thakur, S.K. and Srivastava, N.K.	कुंडीयराखऔरउसकेजलसेबंजरजमीनमैकपास कीखेती.	Bhartiya Vaigyanic Evam AudhyogikAnusandhanPatrika (Hindi) , 25 (1&2). 2017, pp. 7-18. ISSN 0971-7706	