International and National Journals

- Sri Chandrahas; Bhanwar Singh Choudhary; MS Venkataramayya; Yewuhalashet Fissha; Blessing Olamide Taiwo, An Investigation of the Cumulative Impact of Decking Length and Firing Pattern on Blasting Results, Journal of Mining and Environment, Volume 16, Issue 1 2025, Pages 97-110, <u>https://doi.org/10.22044/jme.2024.14555.2743</u>.
- Deressa, G.W., Choudhary, B.S. & Jilo, N.Z. Advanced bench design and technical challenges in open pit mining: a comprehensive review of stability and productivity. Arab J Geosci 18, 28 (2025). https://doi.org/10.1007/s12517-024-12157-2
- Naresh K. Katariya, B.S. Choudhary, Mahzad Esmaeili-Falak and A.K. Raina; Optimizing open-pit iron ore mine waste dump stability with an increased height: A geotechnical perspective, Geomechanics and Engineering, Volume 40, Number 1, January10 2025, pages 069-78, DOI: https://doi.org/10.12989/gae.2025.40.1.069
- Deressa, G.W., Choudhary, B.S. Evaluating Productivity in Opencast Mines: A Machine Learning Analysis of Drill-Blast and Surface Miner Operations. Nat Resour Res 34, 215–251 (2025). https://doi.org/10.1007/s11053-024-10429-y
- Katariya, N. K., Choudhary, B. S., & Pandey, P. (2024). Air Quality Predictions through Mathematical Modeling for Iron Ore Mine Project. Applied Sciences, 14(13), 5922. https://doi.org/10.3390/app14135922
- Chandrahas, N.S., Choudhary, B.S., Venkataramayya, M.S. et al. An Inventive Approach for Simultaneous Prediction of Mean Fragmentation Size and Peak Particle Velocity Using Futuristic Datasets Through Improved Techniques of Genetic XG Boost Algorithm. Mining, Metallurgy & Exploration 41, 2391–2405 (2024). https://doi.org/10.1007/s42461-024-01045-8
- Chandrahas, N. S., Fissha, Y., Choudhary, B. S., Olamide Taiwo, B., Venkataramayya, M. S., & Adachi, T. (2024). Experimental data – driven algorithm to predict muckpile characteristics in jointed overburden bench using unmanned aerial vehicle and AI tools. International Journal of Mining, Reclamation and Environment, 1–35. <u>https://doi.org/10.1080/17480930.2024.2340876</u>
- Sujit Kumar, Arvind Kumar Mishra, Vivek K. Himanshu, Ashish K. Vishwakarma, Firoj Ali, Bhanwar Singh Choudhary, Empirical relation to evaluate blast induced crack development zone while using explosives of different detonation pressure in opencast bench blasting, Heliyon, Volume 10, Issue 5, 2024, <u>https://doi.org/10.1016/j.heliyon.2024.e26639</u>
- Deressa, G.W., Bulushi, I., Choudhary, B.S. et al. Integrated Approach to Reserve Estimation and Optimal Open Pit Design for Hydrothermal Gold Deposit. J. Inst. Eng. India Ser. D (2024). https://doi.org/10.1007/s40033-024-00776-8
- Mukul Sharma , Bhanwar Singh Choudhary, Autar K. Raina, Manoj Khandelwal and Saurav Rukhiyar (2024), Prediction of Rock Fragmentation in Fiery Seam of an Open-Pit Coal Mine Deploying Soft Computing Techniques, Journal of Rock Mechanics and Geotechnical Engineering, V16N10 2024; Oct. Issue, SCI(Q1)
- R Mishra, AK Mishra, BS Choudhary, High-Speed Motion Analysis-Based Machine Learning Models for Prediction and Simulation of Flyrock in Surface Mines, <u>Appl. Sci.</u> 2023, 13(17), 9906; <u>https://doi.org/10.3390/app13179906</u> (SCI-Q2,
- 12. N. Sri Chandrahas, B. S. Choudhary, M. S. Venkataramayya (2023), Competitive algorithm to balance and predict blasting outcomes using measured field data sets, Computational Geosciences, <u>https://doi.org/10.1007/s10596-023-10254-x</u>, (SCI, Q3)
- Rao, K.K. and Choudhary, B.S. (2023) "Effect of priming and explosive initiation location on pull in hard rock underground mine," Journal of Sustainable Mining: Vol. 22, Iss. 4 , Article 5 <u>https://doi.org/10.46873/2300-3960.1399</u>
- Thakur, M., Choudhary, B.S. & Seervi, V. An Investigation into the Effect of Rock Properties on Drill Bit Life. J. Inst. Eng. India Ser. D (2023). <u>https://doi.org/10.1007/s40033-023-00542-2</u> (Scopus)
- Kumar, S., Mishra, A.K. & Choudhary, B.S. Estimation Equations for Back Break and Ground Vibration Using Genetic Programming. Geotech Geol Eng 41, 3139–3149 (2023). <u>https://doi.org/10.1007/s10706-023-02449-x</u>

- Choudhary, B.S., Agrawal, A. Minimization of Blast-Induced Hazards and Efficient Utilization of Blast Energy by Implementing a Novel Stemming Plug System for Eco-Friendly Blasting in Open Pit Mines. Nat Resour Res (2022). <u>https://doi.org/10.1007/s11053-022-10126-8</u> [SCI-Q1-5.6]
- Anurag Agrawal, B.S. Choudhary, V.M.S.R. Murthy, Sunny Murmu, Impact of bedding planes, delay interval and firing orientation on blast induced ground vibration in production blasting with controlling strategies, Measurement journal, Volume 202,2022, <u>https://doi.org/10.1016/j.measurement.2022.111887</u> [SCI Q1-5.13]
- Jai Jain, Anurag Agrawal, Bhanwar Singh Choudhary(2022), An Advance Tool to Predict Ground Vibration Using Effective Blast Design Parameters, Current Science, Vol. 123, No. 7, pp:887[Index in : SCI, 1.1]
- Chandrahas, N.S.; Choudhary, B.S.; Teja, M.V.; Venkataramayya, M.S.; Prasad, N.S.R.K. XG Boost Algorithm to Simultaneous Prediction of Rock Fragmentation and Induced Ground Vibration Using Unique Blast Data. Appl. Sci. 2022, 12, 5269. <u>https://doi.org/10.3390/app12105269</u> [Index in : SCI, Q2-2.8]
- Sharma, M., Choudhary, B.S. & Agrawal, H. Prediction of backbreak in hot strata/fiery seam of openpit coal mine by decision tree and random forest algorithm. Arab J Geosci 15, 1337 (2022). <u>https://doi.org/10.1007/s12517-022-10627-z</u> [Index in : SCI, 1.8]
- Verma, H., Rai, R., Choudhary, B.S. et al. Numerical Simulation of Excavation in Opencast Mine and its Effect on Ground Vibration. J. Inst. Eng. India Ser. D (2022). <u>https://doi.org/10.1007/s40033-022-00376-4</u>
- Agrawal, A., Choudhary, B.S. & Murthy, V.M.S.R. Seismic energy prediction to optimize rock fragmentation: a modified approach. Int. J. Environ. Sci. Technol. (2021). <u>https://doi.org/10.1007/s13762-021-03753-w</u> (SCI, 2.86)
- Kumar, S., Choudhary, B.S. & Mishra, A.K. Modelling the effects of ground vibrations on the surface due to blasting in underground coal mines. Natural Hazards (2021). https://doi.org/10.1007/s11069-021-04948-7 [Index in : SCI, 3.1]
- Bhukya Naveen Kumar and Bhanwar Singh Choudhary, (2021), Understanding the Behaviour of Blast-Induced Ground Vibration at Tunnel Face Using Statistical Regression Analysis and Blastware Software, Mining Engineers Journal, Vol. 22, No. 12, page 13-22.
- 25. Shekhar Saran, Manoj Kumar Jha, Shankar Kumar, AK Mishra, BS Choudhary, Prediction of Blast-Induced Ground Vibration by ANN, MineTech, CMPDI, Vol-41, No.1, 2021
- Avchar, A., Choudhary, B.S., Ripper production prediction for laterite excavation in iron ore mines. J Min Sci 57, 66–75 (2021). https://doi.org/10.1134/S1062739121010087 [Index in : SCI, 0.5]
- N. Sri Chandrahas, B.S. Choudhary, M.S.Venkataramayya (2021), An investigation into the Effect of Rockmass Properties on Mean Fragmentation Size and Ground Vibration, Archives of Mining Sciences, (accepted for publication) [Index in : SCI, 1.12]
- Sharma, M., Choudhary, B.S., Kumar, H. et al. Optimization of Delay Sequencing in Multi-Row Blast using Single Hole Blast Concepts. J. Inst. Eng. India Ser. D (2021). https://doi.org/10.1007/s40033-021-00270-5 [Index in : SCOPUS]
- 29. K.K. Rao, B.S. Choudhary and G.D. Raju (2021)"A study on stability of pillar and drive advances in hard rock mine through numerical 2azakhst and instrumentation-a case study", CURRENT SCIENCE, VOL. 120, NO. 11, 10 JUNE 2021, [Index in : SCI, 1.1]
- BS Choudhary, A Agrawal, R Arora (2021), Stemming material and Inter-row delay timing effect on blast results in limestone mines, Sādhanā 46 (1), 1-12[Index in : SCI, 1.2]
- Mukul Sharma, Hemant Agrawal, B. S. Choudhary, (2021), Multivariate regression and genetic programming for prediction of backbreak in open-pit blasting, Neural Computing and Applications <u>https://doi.org/10.1007/s00521-021-06553-y</u> (Q2)
- S Kumar, AK Mishra, BS Choudhary (2021), Prediction of back break in blasting using random decision trees, Engineering with Computers, 1-7, <u>https://doi.org/10.1007/s00366-020-01280-9</u>[Index in : SCI, 7.9]

- Manas Mallic, Bhanwar Singh Choudhary, G Budi (2020) Long-term open pit mine production scheduling with variable cut off grade for cost optimization, Journal of Mines, Metals & Fuels, [Index in : SCOPUS] Vol. 68, No. 5, pp :-153-157.
- Manas K. Mallick*, Bhanwar S. Choudhary, Gnananandh Budi (2020), Geological Reserve Estimation of Limestone Deposit: A Comparative Study Between ISDW and OK, Modelling, Measurement and Control C, Vol. 81, No. 1-4, December, 2020, pp. 72-77
- S. K. Sinha, B. S. Choudhary (2020), Pit Optimization for Improved NPV and Life of Mine in Heterogeneous Iron Ore Deposit, J. Inst. Eng. India Ser. D, https://doi.org/10.1007/s40033-020-00236z[Index in : SCOPUS]
- 36. K K Rao, B. S. Choudhary, Ajay Ghade , Chandrahas, (2020)"Critical analysis of process cycle by numerical 3azakhst for faster development of drives in hard-rock underground mine – a case study", Current Science, Vol. 118, No. 10, pp:1547-1552. [Index in : SCI, 1.1]
- Manas Mallic, Bhanwar Singh Choudhary, G Budi (2020)"Geological resource modeling and mine planning of a surface limestone deposit", Journal of Mines, Metals & Fuels, [Index in : SCOPUS] Vol. 68, No. 2, pp :-64-67.
- Shankar Kumar & A. K. Mishra& B. S. Choudhary & R. K. Sinha &Desh Deepak & Hemant Agrawal (2019), Prediction of Ground Vibration Induced Due to Single Hole Blast Using Explicit Dynamics, Mining, Metallurgy & Exploration, <u>https://doi.org/10.1007/s42461-019-00162-z</u>. [Index in : SCI, 1.4]
- B S Choudhary and Anurag Agrawal (2019), Blast Design for Controlling Some of Environmental Nuisances during Deep Hole Blasting in Surface Overburden Benches, Insights Min Scitechnol, Volume 1 Issue 2 – September 2019.
- Manas Mallic ,Bhanwar Singh Choudhary, G Budi (2019) "Inverse square distance weighting vis-à-vis ordinary kriging techniques in resource estimation", Journal of Mines, Metals & Fuels, [Index in : SCOPUS] Vol. 67, No. 11, pp 501-506.
- B.S.Choudhary (2019). Effect of blast induced rock fragmentation and muckpile angle on excavator performance in surface mines. <u>Mining of Mineral Deposits</u>, 13(3), 119-126. <u>https://doi.org/10.33271/mining13.03.119</u>[Index in : SCOPUS]
- B. S. Choudhary (2019), Study on Tunnel Face Blast Made Ground Vibration in Himalayan Region, Mining Engineers' Journal, Vol. 20, No. 12, pp:18-23.
- Shankar Kumar, B. S. Choudhary (2019), Prediction of Blast-induced Ground Vibration by ANN, USBM and CMRI Formulae for Safety of the Structures near Surface Coal Mines, Journal of Mines Metals & Fuels, Vol. 67, No.7, pp:351-356. [Index in : SCOPUS]
- M. K. Das, S. Sarkar, B. S. Choudhary (2019), Structure Analysis of Dragline Tooth and Its Wear Prediction, Transactions of the Canadian Society for Mechanical Engineering, Vol. 43, 2019, pp:526-534, DOI of your manuscript is 10.1139/tcsme-2017-0135. [Index in : SCI, 1.45]
- Abhishek Sharma, A.K. Mishra B.S. Choudhary and RohitMeena (2019), Impact of Blast Design Parameters on Rock Fragmentation in Building Stone Quarries, Current Science, Vol. 116, No. 11, pp:1861-1867[Index in : SCI, 1.1]
- Abhishek Sharma, A.K. Mishra and B.S. Choudhary (2019), Impact of Blast Design Parameters on Blasted Muckpile Profile in Building Stone Quarries, Annales de Chimie: Science des Materiaux, Vol. 43, No. 1, February, 2019, pp. 29-36[Index in : SCOPUS]
- N. Sri Chandrahas, B.S. Choudhary, M.S.Venkataramayya (2018), Identification of Most Influencing Blast Design Parameters on Mean Fragmentation Size and Muckpile by Principal Component Analysis, International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-8 Issue-2S2 December, 2018. [Index in : SCOPUS]
- Shankar Kumar, A.K. Mishra, B. S. Choudhary (2018), Study of P and S wave velocities in the Jharia Coalfield region for the analysis of its geotechnical properties in dry, semi-saturated and saturated conditions, Annals of Chemistry – Materials Science, vol. 41 / 3-4 – 2017 – pp.209-223 – doi: 10.3166 / acsm.41.209-223. [Index in : SCOPUS]
- Bhanwar Singh Choudhary (2018), Nurturing Socio-Economic Development through Mining Engineering Education, CMTM Jour. Of Ind. Inst. Of Coal Management (IICM), June, 2018, pp:18-23.

- 50. Bhanwar Singh Choudhary, "Drilling and Blasting Techniques for Sinking a Well in a Water Reservoir-A Case Study", Published in the Mining Engineers Journal, Vol. 3, No. 20, Oct 2018, pp 21-26.
- 51. K K Rao, Bhanwar Singh Choudhary, Ajay Ghade, A Amjath Ali, "Improvised drilling and blasting techniques at underground metal mine for faster advance to enhance linear excavation and production a techno-economic case study", Published in the Journal of Mines, Metals & Fuels, [Index in : SCOPUS] Vol. 10, No. 66, Oct 2018, pp 756-763.
- Abhishek Sharma, A.K. Mishra and B.S. Choudhary (2018), Sustainable Exploitation of Building Stone in India – Emerging Issues, Current Science, Vol. 115, No. 5, 10 September 2018. [Index in : SCI, 1.1]
- M. K. Das, S. Sarkar, B. S. Choudhary (2018), Experimental and numerical analysis of rotary tricone drill bit and its wear prediction, Journal of the Brazilian Society of Mechanical Sciences and Engineering, (2018)40, 366. [Index in : SCI, 2.22]
- 54. B.S. Choudhary, Deepak Kumar Sharma, Manbodh Kumar Das (2017), A Study to Investigate the Influence of Coal Properties on Bit Wear-ability of Roadheader, Modelling, Measurement and Control B (MMC_B), VOL 86, NO 3, pp. 727-739. [Index in : SCOPUS]
- 55. AkhilAvchar, B.S. Choudhary, Gnananandh Budi, Ulhas G. Sawaiker (2017), Applicability of Sizestrength Rippability Classification System for Laterite Excavation in Iron Ore Mines of Goa, Modelling, Measurement and Control C (MMC_C), Vol 78, No 3, pp. 378-391. [Index in : SCOPUS]
- 56. K.K. Rao, B.S. Choudhary, Ajay Ghade, A. Amjath Ali (2017), Techno-economic Analysis for Development of a Drive in View of Geo-Mining Conditions – A Case Study, Modelling, Measurement and Control C (MMC_C), Vol 78, No 3, pp.364-377. [Index in : SCOPUS]
- B.S. Choudhary (2018), Research Into The Effect Of Gallery Size On Blast Pull In Underground Coal Mines, Mining of Mineral Deposits Journal, ISSN 2415-3443, Volume 12 (2018), Issue 2, pp. 29-33. [Index in : SCOPUS]
- B.S. Choudhary & Rajesh Arora (2018), Influence of Front Row Burden on Fragmentation, Muckpile Shape, Excavator Cycle Time, and Back Break in Surface Limestone Mines, Iranian Journal of Earth sciences, Vol.10, No.1. [Index in : SCOPUS]
- Bhanwar Singh Choudhary and Rajesh Arora (2017), Selection of the Most Influencing Blast Design Parameters on Rock Fragmentation Using Principle Component Analysis, Int. J. of Earth Science and Engineering, Volume 10, No. 05, P.P. 1012-1019. [Index in : SCOPUS]
- Prasad, Sandeep, Choudhary, B.S. and Mishra, A.K. (2017); Effect of in-situ block size and rock properties on blast induced rock fragmentation in surface mines, Int. J. of Earth Science and Engineering, vol. 10, No. 1[Index in : SCOPUS]
- Saboor Ahmad Torabi, B. S. Choudhary (2017), Conventional and Computer Aided Ore Reserve Estimation, International Journal of Engineering Technology Science and Research, ISSN 2394 – 3386, Volume 4, Issue 12, pp:896-902.
- Sandeep Kumar Sahoo and B. S. Choudhary (2017), Effect of uniaxial compressive strength of rock on penetration rate and bit wear rate of drill, Journal of Mines Metals & Fuels Vol.65, No.8, pp:454-460. [Index in : SCOPUS]
- B.S. Choudhary & Rajesh Arora (2017); Screened Drill Cuttings in Blast Hole for Tamping of Stemming to Reduce Generation of Fly Rock, Journal of Mines, Metals & Fuels, Vol 65, No. 01, pp:19-23. [Index in : SCOPUS]
- Choudhary, B.S. and Khan, AsfarMobin (2017); Roadheader Performance during Development of a Coal Drive; Journal of Mines Metals & Fuels, vol. 64 No. 5&6, pp:99-104[Index in : SCOPUS]
- 65. Choudhary, B.S (2016); Excavator selection based on muckpile shape parameters in low height benches, Journal of Mines Metals & Fuels, Vol. 64, No.1&2, pp:19-22. [Index in : SCOPUS]
- Das M. K., Dewangan S., Kumar H, Chattopadhyaya S, Sarkar S, and Choudhary, B.S. (2016); Wear Analysis of Cable Shovel Tooth, Journal of Mines Metals & Fuels, vol. 64 No. 5&6, pp:218-221. [Index in : SCOPUS]
- Sinha S. K., Choudhary B.S. and Sharma R. K. (2015); Re-Estimation of Reserve for an Iron Ore Deposit

 A Case Study, Vidyabharati International Interdisciplinary Research Journal, 4(2), pp: 76-86, ISSN: 2319-4979.

- Sinha S. K., Choudhary B.S. and Sharma R. K. (2015); Exploration Coring Programme and Core Preservation Methods: An Experience at Bailadila Deposit-10, Journal of Mines Metals & Fuels, vol. 63, No. 11&12, pp: 397-401. [Index in : SCOPUS]
- Choudhary, B.S (2015); Paste filling-an overview to improve the quality of filling material, Journal of Mines Metals & Fuels, Vol. 63, No.8, pp:205-213. [Index in : SCOPUS]
- 70. Choudhary, B.S., Sonu, K., Kishore, K. and Anwar, S. (2016) 'Effect of rock mass properties on blastinduced rock fragmentation', Int. J. Mining and Mineral Engineering, Vol. 7, No. 2, 2016, pp: 89-101.
- Choudhary, B. S. and Kumar S (2016); Influence of Superplasticizer on Paste Backfill Material, Mining Engineering Journal, Vol. 17, No.10, pp:18-21, 2016
- Choudhary B.S. and Khan, AsfarMobin (2015); Critical Analysis of Roadheader Performance during Development of a Coal Drive, Int. J. of Earth Science and Engineering, vol. 8, No. 6, pp: 2663-2669. [Index in : SCOPUS]
- 73. Choudhary, B.S. (2015); Effect of Blast Fragmentation on Excavator Performance in Surface Mine, Int.
 J. of Earth Science and Engineering, vol. 8, No. 6, pp: 2632-2640. [Index in : SCOPUS]
- MarilenaCardu, Alessandro Giraudi, Vemavarapu M.S.R. Murthy, Bhanwar Singh Choudhary, A.K. Shukla (2014); Rock Characterization and Wire Performances for Dimension Stone Cutting by Diamond Wire Saw, Journal of Underground Resources, No.5, 2014.
- 75. Syed Hali Manzoor& B.S. Choudhary (2014); Detonator: Evalauation, Classification and Comparison, Int. Jour. Of Research in Aeronautical and Mechanical Engineering, Vol.2, issue 4, 2014, pp: 20-28.
- Choudhary, B.S and Kumar Sonu (2013); Assessment of powder factor in surface bench blasting using Schmidt rebound number of rock mass, Int. Jour. Of Research in Engineering and Technology, Vol. 2, Issue-12, 2013, pp:132-138.
- Choudhary, B.S (2013); Firing patterns and its effect on muckpile shape parameters and fragmentation in quarry blasts, Int. Jour. Of Research in Engineering and Technology, Vol. 2, Issue-09, 2013 pp: 32-45.
- Choudhary, B. S. and Kumar S (2013).; Underground void filling by cemented mill tailing, Int. Jour. Of Mining Science and Technology, 23 (2013), pp: 893-900. [Index in : SCI,4]
- Choudhary B.S. and Rai P (2013).;Stemming Plug and Its Effect on Fragmentation and Muckpile Shape Parameters, Int. J. Of Mining and Mineral Engineering (IJMME), Vol. 4, No. 4, 2013, pp:296-309. [Index in : SCOPUS]
- B.S. Choudhary, P. Rai & Sharma S.K (2013).; Stemming plugs and its effect on fragmentation and muckpile shape parameters-a case study, Journal of Mines Metals & Fuels, Vol. 61, Nos, 7&8, July-August, 2013, pp:177-183. Int. J. Of Mining and Mineral Engineering[Index in : SCOPUS]
- Choudhary B.S.andkumarPawan; Fragmentation vis-à-vis Excavator Cycle Time A Case Study, Indian Mining and Engg. Journal, June, 2013, Vol. 52, no.06, pp: 1-17.
- Choudhary B. S. &Patidar I.; Computer Aided Coal-Seam Modelling and Design of a Mine, Indian Mining and Engg. Journal, Oct., 2013, Vol. 52, no.10, pp: 19-23.
- 83. Rai P. Yang HS. And Choudhary B. S; Formation of Slot Cut for Creating Free Face in Solid Limestone Bench-A Case Study, Powder Technology 228 (2012) :327–333. [Index in : SCI, 5.1]
- Choudhary B.S.; Techniques to Control Blast Induced Environmental Issues-A Review, CMTM Jour. Of Ind. Inst. Of Coal Management (IICM), Oct-Dec, 2012, pp: 19-23.
- Choudhary, B.S. & Gupta Ajey; "A comparative study on fragmentation techniques", Mining Engineering Journal, Vol. 14, No.3, October 2012.
- Choudhary, B.S, Kumar, C. & Sheoran, A.; "Environmental Impacts and Remedial Measures of Small Limestone Mine." Indian Mining and Engineering Journal, May, 2009.
- 87. Rai, P., Choudhary, B.S. & Imperial, F.L.; "A Firing Pattern For Generating Free Face In A Limestone Quarry A Case Study", The Jour. Of Inst. ofEngrs. (India), March, 2008. [Index in : SCOPUS]
- Rai, P., Ranjan, A.K. & Choudhary, B.S.; "A Case Study on Role of Stemming Column on Fragmentation in Overburden Sandstone Formation" Int. Quarry Management Journal, Feb., 2008.
- Choudhary, B.S. & Rai P.; "Electronic Delay Detonators as Digital Energy Control System- A Recent Blasting Technique", CMTM Jour. Of Ind. Inst. Of Coal Management (IICM), Feb, 2008.

- Rai, P., Choudhary, B.S. & Imperial, F.L.; "Firing Pattern and Stemming Column Adjustments for Enhancement of Blast Performance in a Limestone Quarry of the Philippines", Int. Quarry Management Journal, September 2006, pp: 23-30.
- Rai, P. & Choudhary, B.S.; "Overview of Coal Bed Methane Exploitation Methods", CMTM Jour. Of Ind. Inst. Of Coal Management (IICM), V.11, No.4, April, 2006, pp: 8-12