

Anup Kumar Tripathi

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INDIA

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EDUCATION

Doctoral Degree

Doctor of Philosophy (Ph.D.) in Mining Engineering (2003 – 2007)

University: University of Kentucky, Lexington, USA

Master Degree

Master of Technology (M.Tech.) in Mining Engineering (2000 – 2002)

University: Indian Institute of Technology, Kharagpur, India (M.Tech. project from Germany)

Bachelor Degree

Bachelor of Technology (B.Tech.) in Mining Engineering (1996 – 2000)

University: Indian School of Mines, Dhanbad, India

RESEARCH EXPERIENCE

Post-Doctoral Research (INDIA)

Senior Researcher in Mining Engineering (December 2008 – June 2011)

University: Indian Institute of Technology, Kharagpur, India

Post-Doctoral Research (USA)

Post-Doctoral Researcher in Mining Engineering (January 2008 – August 2008)

University: Southern Illinois University, Carbondale, IL, USA

TEACHING EXPERIENCE

Assistant Professor of Mining Engineering (November 2012 – Present)

University: National Institute of Technology Karnataka, Surathkal, India

Lecturer of Mining Engineering (July 2011 – October 2012)

University: National Institute of Technology Karnataka, Surathkal, India

RESEARCH INTERESTS

- Mine Power Systems Engineering
- Mining Systems Optimization
- Surface Mine Design, Operations and Reclamation

SELECTED RECENT PUBLICATIONS

- Pal, S. K., Bijurkar, K. A., Tripathi, A. K., 2010, “Effects of Granulometric Variations on Permeability of Sand”, Mining, Geological and Metallurgical Institute of India (M.G.M.I.) Transactions, Vol. 106, April 2009 – March 2010, pp. 67 – 74.
- Pal, S. K., Singh, B., Tripathi, A. K., 2010, “Studies on Gas Permeability of Sandstone”, Journal of Mines, Metals and Fuels, Vol. 58, No. 6, June, pp. 168 – 176.
- Pal, S. K., Jeevan, A., Tripathi, A. K., 2011, “Laboratory Studies on Hydraulic Breakage of Coal”, Journal of Mines, Metals and Fuels, Vol. 59, No. 1 – 2, January – February, pp. 1 – 6.
- Pal, S. K., Paul, T. K., Tripathi, A. K., 2011, “A Study on Selection of Pertinent Cross-Sectional Areas for Underground Supports”, Journal of Mines, Metals and Fuels, Vol. 59, No. 3 – 4, March – April, pp. 116 – 122.
- Pal, S. K., Mukhopadhyay, S. K., Tripathi, A. K., 2011, “Laboratory Studies on Stabilization of Old, Abandoned and Waterlogged Underground Workings”, Journal of Mines, Metals and Fuels, Vol. 59, No. 5 – 6, May – June, pp. 150 – 154.
- Pal, S. K., Prusty, B. K., Tripathi, A. K., 2011, “Air Permeability Studies of Surface Soils over In Situ Coal-Seam Fire Areas in Jharia Coalfield”, Mining, Geological and Metallurgical Institute of India (M.G.M.I.) Transactions, Vol. 107, April 2010 – March 2011, pp. 17 – 26.
- Pal, S. K., Ghosh, D., Tripathi, A. K., 2011, “An Experimental Study on Variation of Power Consumption and Cutting Resistance of Coal Using Shearer Drum Model”, Mining, Geological and Metallurgical Institute of India (M.G.M.I.) Transactions, Vol. 107, April 2010 – March 2011, pp. 34 – 44.
- Pal, S. K., Keshri, A. K., Tripathi, A. K., 2011, “A Study on Correlation between P-Wave Velocity, Number of Joints and Schmidt Hammer Rebound Number”, Mining, Geological and Metallurgical Institute of India (M.G.M.I.) Transactions, Vol. 107, April 2010 – March 2011, pp. 27 – 33.
- Tripathi, A. K., Bhattacharya, J., Pal, S. K., 2011, “Reclamation of Disturbed Surface Mine Lands”, Mining, Geological and Metallurgical Institute of India (M.G.M.I.) Transactions, Vol. 107, April 2010 – March 2011, pp. 85 – 94.
- Pal, S. K., Desai, K., Niyogi, S. C., Tripathi, A. K., 2012, “An Investigation on Operational Characteristics of Surface Miners”, Mining, Geological and Metallurgical Institute of India (M.G.M.I.) Transactions, Vol. 108, April 2011 – March 2012, pp. 70 – 76.
- Vanapalli, N. R., Ghosh, S. K., Pal, S. K., Tripathi, A. K., 2012, “Vibration and Acoustic Emission Studies of Rock Samples under Uniaxial Compression and Tension”, Mining, Geological and Metallurgical Institute of India (M.G.M.I.) Transactions, Vol. 108, April 2011 – March 2012, pp. 61 – 70.