

LIST OF PUBLICATIONS OF Dr. P. P. BAHUGUNA (In Journals)

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2. Bahuguna, P.P., 'EDM -Height Control for Large Scale Topographical Surveys', *Indian Surveyor*, Jan, 1984.
3. Bahuguna, P.P., 'Application of Photogrammetry in Mine Surveying', *Indian Surveyor*, July, 1985.
4. Bahuguna, P.P., 'Developing Science and Art of Mineral Surveying' Review of VI Intl. Symp. on Mine Surveying, *Indian Mining and Engg. Journal*, June, 1986.
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6. Bahuguna, P.P., Bhawani Singh, A.M.C., Srivastava and N.C. Saxena, 'A Critical Review of Mine Subsidence Prediction Methods' *Mining Science and Technology*, Nov. 1991.
7. Bahuguna, P.P., Bhawani Singh, A.M.C. Srivastava and N.C. Saxena, 'Semi empirical Method for Calculation of Mine Subsidence in Coal Mines', *Geotechnical and Geological Engg.*, Vol. 11, 1993.
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9. Bahuguna, P.P., 'Role of Surveying in Mine Environmental Studies' *The Indian Journal for Environmental Protection.* ;Vol. 18, No. 8, Aug, 1998 pp 634-635.
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14. Bahuguna, P. P., 'Application of Total Station and Laser in Depth Measurement and Correlation Survey in an Underground Mine Shaft', *Survey Review Vol.38, No.295*, Jan 2005 pp 39-46
15. Bahuguna, P.P.,, Connection of Mine Plans to National Grid System in India , *Indian Surveyor, Vol. 59, No. 1*, Jan.2005, pp 42-58.
16. Bahuguna, P.P., 'Survekshan Aur Uska Mahatva' (In Hindi), submitted to *Vigyan Pragati*.

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2. Bahuguna, P.P., 'Development of a Mine Subsidence Prediction Model for Indian Coalfields', *Ph.D. Thesis*, Roorkee University, 1993.
3. Saxena N.C., Singh, U.K., and Pandey, S.N., Bahuguna,P.P., April, 1997 "State of Art on Land Subsidence due to Fluid and GAS withdrawal". 251 p. submitted to Oil & Natural Gas Commission, Ahmedabad, (Project Title 'Development of Subsidence Prediction ;model for oil & Gas fields of ONGC in Gujarat).

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2. Bahuguna, P.P., 'Application of Remote Sensing in Mine Environmental Studies' *Seminar on Mine Climate*, BIT, Sindri, July, 1986.
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12. Bahuguna, P.P., 'Quantification of overburden and Ore Removal from Surface Mines Using SURPAC2000', In: *Proceedings of National Seminar on Role of IT in Present Scenario of Globalization (RIT2003)*, Feb. 1-2, 2003, CMRI Dhanbad, pp 97-101.

