

CURRICULAM -VITA

Radhakanta Koner born in the year 1980, completed his Bachelors in Engineering from the Department of Mining Engineering, Bengal Engineering and Science University, Shibpur, Howrah in the year 2002. He completed his Master of Technology from the Institute of Technology, Benaras Hindu University in the year 2005. He then went on to carry out his Doctorate in Philosophy from the Department of Mining Engineering, IIT Kharagpur.

His primary research interest lies in the application of state-of-the-art numerical modelling in the field of geomechanics. He has published a few papers in international journals and proceedings.

Selected Publications

Koner, R. and Chakravarty, D. (2010) Earthquake response of external mine overburden dumps: a micromechanical approach, *Natural Hazards (Accepted)*, DOI: 10.1007/s11069-010-9602-x

Koner, R. and Chakravarty, D. (2010) Discrete element approach for mine dump stability analysis, *Mining Science and Technology (China), (Accepted)*.

Chakravarty, D. and Koner, R. (2010) Mine waste dump stability analysis using numerical modeling : a case study, *MGMI Transaction, India (in press)*.

Koner, R. and Chakravarty, D. (2010) Stability Study of the Mine Overburden Dumps Slope: a Micromechanical Approach, *Studia Geotechnica et Mechanica*, Vol. XXXII, No. 1, pp 35-58.

Koner, R. and Chakravarty, D. (2009) Continuum and discontinuum analysis on behaviour of dump slope, *Journal of Mines, Metals & Fuels*, Vol. 57, No. 10, pp 309-312.

Koner, R. and Chakravarty, D. (2008) Effect of rainfall on dump slope stability: a numerical approach, *Proceedings of the 5th Int. conference and Exhibition on Mass Mining*, 9-11th June, Lulea, Sweden, pp 877-886.

Koner, R., Chakravarty, D., Singh, A. K. and Chakravarty, K. (2008) Application of Numerical methods for assessment of slope stability, *MineTech*, Vol. 29, No. 1, pp 3-10.