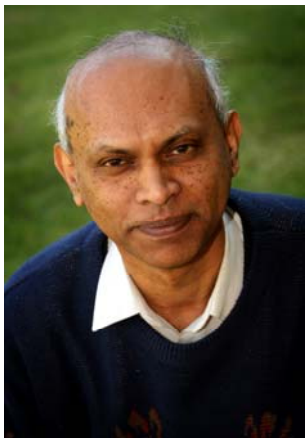

Dr Mahinda Kuruppu

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Position	Senior Lecturer, Mining Engineering
Teaching Responsibilities	• mining machinery • maintenance management • fluid mechanics • mine ventilation
Research Interests	• rock fracture mechanics • rock-cutter interaction and tool wear • non-destructive testing of wire ropes • Maintenance management
Professional Affiliations	• Member, Institution of Engineers, Australia (IEAust) • Member, Australasian Institute of Mining and Metallurgy (AusIMM) • Member, American Society of Mechanical Engineers (ASME)

Professional Experience

Mahinda Kuruppu joined the program in July 1994 and has been teaching the mechanical aspects of mining. Since joining the School, Dr Kuruppu has conducted research in the areas of non-destructive testing of winder ropes (ARC supported), Design of steep angle conveyors (WA Government support), and rock fracture mechanics.

After completing PhD studies at the University of Hong Kong, he joined the University of Wyoming in the United States to conduct research in rock fracture mechanics supported by the Sandia National Research laboratories.

After a tenure of 3 years in the US he returned to his native Sri Lanka and worked as a Senior Engineer in a national research laboratory designing mechanical machinery for the alternative energy sector.

In 1990 he migrated to Australia and worked as Teaching and Research Associates in the University of Melbourne and in the University of New South Wales in Sydney.

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1.Basu, A. and Kuruppu, M.D. 'Numerical modelling in excavation design', in Proceedings of Underground Operators Conference, Australian Institute of Min. and Metallurgy, ed. Golosinski, T. S.,November 1995, pp. 69-73.

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