

**Dr. Lutfar Rahman Khan**  
**Adjunct Professor**  
**School of Science and Engineering**

***Educational Background:***

Doctor of Engineering (Industrial), AIT, Bangkok, 1984  
Master of Engineering (Industrial), AIT, Bangkok, 1981  
B.Sc. Engineering (Mechanical), BUET, 1972

***Last Employment Positions:***

Lecturer and Senior Lecturer, College of Engineering  
and Science, Victoria University, Footscray Park Campus **1994 -- 2017**  
**Course Coordinator, Mechanical Engineering 2014 -- 2017**

***Previous Positions:***

1992 – 1994	Research Fellow at Monash University and Victoria University, Melbourne, Australia
1986 – 1991	Professor and Head of Mechanical Engineering, BIT, Khulna (now KUET), Bangladesh
1975 - 1985	Lecturer and Assistant Professor, Rajshahi Engineering College, Bangladesh
1973 - 1974	Engineer in a Sugar Mill in Bangladesh

***Teaching Experience at UG and PG levels:***

Linear, Integer and Nonlinear Programming, Combinatorial Optimisation, Logistics, Statistics, Forecasting, Mathematics for Engineers, Project Management, Professional Engineering Practice.

***Supervision:***

Masters and Doctoral candidates in the field of Mathematics and Engineering.

***Membership of Professional Organisations:***

- Engineers Australia
- Australian Society for Operations Research (ASOR)
- INFORMS, USA

- Project Management Institute, USA

#### ***Community Activities:***

- Fund Raiser for Cancer Council, Victoria
- Former President of an Ethnic Language School (Bengali) in Melbourne
- President of BUET Alumni Association in Victoria, Australia

#### ***Recent publications***

- E. Munapo, S. Kumar and **Khan, L.R.** (2011), 'Reduced Feasible Region and Bounds for Improved Efficiency of the Branch and Bound Method of Linear Integer Programming', *International Journal of Management Prudence*, Vol. 2/2, 12-17.
- E. Munapo, S. Kumar and **Khan, L.R.** (2010), 'Search over the Integer Polyhedron for a Pure Integer Program', *AIMS International Journal of Management*, Vol. 4/2, 135-144.
- **Khan, L.R.** (2008), 'Challenges of Incorporating LiWC (Learning in the Workplace and Community) in Mathematics Units of study', *E-Proceedings of the WACE/ACEN Asia Pacific Conference 2008* held in Sydney, October 2008, 301-307 (proceedings available at [www.acen.edu.au](http://www.acen.edu.au) (*external link*)).
- **Khan, L.R.** and Sarker, R.A. (2002), 'An Optimal Batch Size for a JIT Manufacturing System', *Computers and Industrial Engineering*, Vol 42, 127-136.
- Sarker, R.A. and **Khan, L.R.** (2001), 'An Optimal Batch Size under a Periodic Delivery Policy', *International Journal of Systems Science*, Vol 32/9, 1089-1099.