

Dr Leow Soo Kar

BSc(Hons)(UM), MSc(LSE), PhD(NCSU)

Position: Associate Professor

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Dr Leow Soo Kar is an Associate Professor in the Department of Financial Mathematics and Statistics, Sunway University Business School. Dr Leow has over 30 years of experience in academia. Prior to joining Sunway, he was with Monash University and Universiti Tunku Abdul Rahman. His research interests are in the areas of Evolutionary Computation and Simulation.

Teaching Experience:

Dr Leow has taught postgraduate and undergraduate courses in Applied Mathematics and Operations Research. Currently, he is teaching Statistics and Mathematical Methods.

Research Interests:

- Evolutionary Algorithms
- Applications using SAS Simulation Studio

Selected Publications:

- Leow Soo Kar, "Analysis and Simulation of a City Bus Route", in *Proceedings of the 3rd International Conference on Quantitative Sciences and its Applications (ICOQSI2014), Langkawi, 12 -14 August 2014*.
- Leow Soo Kar, "Optimal Number of Parking Bays and Checkout Counters for a Supermarket : An Analysis Using SAS Simulation Studio", in *Proceedings of the 21th National Symposium on Mathematical Sciences (SKSM21), 2013*, pp 1195-1200.
- Leow Soo Kar, "Modeling Signalized Traffic Intersections Using SAS Simulation Studio" in *Proceedings of the World Congress on Engineering and Computer Science, 2013*, pp 908-913.
- Hann-Huei Foong, Soo-Kar Leow, Teong-Joo Ong "Probabilistic Selection in Cellular Genetic Algorithm" 8th *International Conference on Natural Computation, Chongqing, China, 29-31 May 2012*.