

CONTACT ADDRESS & PERSONAL INFORMATION

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Age: 47 years (17-June 1962); Married, 2 children, Nationality: Singapore (Naturalized).

EDUCATION

Ph.D. (Operations Research), 1988-1992, Case Western Reserve University, U.S.A.
M.B.A, 1984-1986 (Gold Medallist), Indian Institute of Management, Calcutta.
B.Tech (Mechanical Engineering), 1979-1984, Indian Institute of Technology, Madras.

WORK EXPERIENCE

2008 - Present, *Head, Division of IT & OM*, Nanyang Technological University, Singapore.
2008 - Present, *Professor of Operations Management*, Nanyang Technological University, Singapore.
1999 - 2007, *Associate Professor with Tenure*, Nanyang Technological University, Singapore.
1992 - 1998, Lecturer, Nanyang Technological University, Singapore.
1997 - 1998, *Visiting Professor*, Cox School of Business, Southern Methodist University, Dallas, Texas.
1986 - 1988, *Operations Auditor*, Tube Investments of India Ltd., Madras, India.
2001- 2005, Director, PhD Programme in Business, Nanyang Business School.
2001 - 2009, Programme Director & Associate Director, MBA (Technology & Operations Management).
1998-2001, Chairman, Equipment Committee & IT Group, Responsible for managing school IT facilities.

RESEARCH INTERESTS AND EXPERTISE

Inventory Control, Supply Chain & Logistics Management, Reverse Logistics, Production Planning, Forecasting, Operations and Process Analysis.

TEACHING

Operations Management, Supply Chain & Logistics Management, Service Operations, and Optimization in UG, MBA, PhD & Executive programs. Average teaching evaluation score of 4.37 on a 5 point scale since 2004. Overall average teaching evaluation since 1992 of 4.24.

PUBLICATIONS

Over 75 papers in journals(38), book chapters & conferences such as *Management Science*(2), *Operations Research*(1), *Operations Research Letters*(1), *Naval Research Logistics*(1), *IJPR*(8), *JORS*(4), *EJOR*(3), *IJPDLM*(1). More than 600 citations, H-index of 14. Selected publications listed below.

- M. M. Srinivasan and S. Viswanathan (2008), "Optimal WIP Inventory Levels for High-Variety Low-Volume Manufacturing Systems," Accepted and forthcoming, *IIE Transactions*.
- S. Viswanathan, (2007), "An Algorithm for determining the best lower bound for the Stochastic Joint Replenishment Problem," *Operations Research*, 55, 992-996.
- H. Widiarta, S. Viswanathan, and R. Piplani, (2007), "On the Effectiveness of Top-Down Approach for Forecasting Autoregressive Demands," *Naval Research Logistics*, 176-188.
- Yan Feng and S. Viswanathan (2007) "Impact of Demand Uncertainty on Coordinating Supply Chain Inventories Through Common Replenishment Epochs," *Journal of Operational Research Society*, 58, 964-971.
- S. Viswanathan, H. Widiarta, R. Piplani (2006) "Value of Information Exchange and Synchronization in a Multi-Tier Supply Chain," *International Journal of Production Research*, 45, 5057-5074..
- S. Viswanathan and K. Mathur, (1997) "Integrating Routing and Inventory...", *Management Science*, 294-312.
- S. Viswanathan (1997) "Periodic Review (s, S) Policies for JR Inventory Systems", *Management Science*.

RESEARCH FUNDING

A-Star (2004, 2006), NTU ARF Grant (1993, 1995, 2001, 2005), EPSRC, UK (2007, invited as collaborator).

SERVICE TO PROFESSION

- Editorial board, *International Journal of Production Research*, 2009-2012.
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- Editorial Review Board, *Production and Operations Management*, 2002-
- Associate Editor, *IEEE Transactions on Automation Science and Engineering*, 2005-2008
- Special Issues Editor (from 2008) & Associate Editor, *Asia Pacific Journal of Operational Research*, 2005-
- *Editorial Board, International Journal of Services & Operations Management*, 2004-
- Member, Executive Committee, International Society for Inventory Research. 2002-2006.
- Reviewer for over 27 academic journals including journals such as *Management Science, Operations Research, MSOM, DS, IJPR, EJOR, IIE & IEEE Transactions* and *Research Councils such as RGC Hong Kong*.

CONSULTING & EXECUTIVE EDUCATION EXPERIENCE

Essilor International (2007-2009), National Panasonic (2007-2008), Singapore Petroleum Company (2008), RGM International (2007), NTUC Fairprice (2004-2005), TNT Logistics Asia (2003), Matsushita Electric (2002), Ministry of Foreign Affairs (2002), Chartered Institute of Transport (2000-2009), SIA Engineering Company (1999), IBM/CIT (1997), Rothmans International, (1996), Singapore Intl Chamber of Commerce (1995).

AWARDS AND HONOURS

- Gold Medallist and First Rank Holder for MBA at IIM Calcutta.
- Who's who in the world, 1998, 2000, 2001, 2002, 2003. Who's who in Science and Engineering, 2001, 2002, Who's who in finance & industry, Who's who is Asia, 2006.
- Teacher of the Division, 2003. Nominee for Teacher of the Division, 2002, 2004, 2005, 2006. Nominee for Teacher of the School, 2003.