# Gopalakrishnan Mohan

Department of Supply Chain Managemnt Arizona State University P.O. Box 874706 Tempe, AZ 85287-4706 W.P.Carey School Business (480) 965-3604 Fax: (480) 965-8629 mohan@asu.edu

### **Research Focus**

Global supply chain risk management, health care operations management, "non-profit humanitarian" logistics management, Web-congestion and technology capacity management, product design and target costing, pricing and revenue management, "purchase-cards" and inventory management, project management, ware housing and distribution management, & manufacturing planning and control

# **Teaching Focus**

Global operations and supply chain management, business-process excellence management, lean & six sigma management, project management, technology management, "non-profit" operations management, & health care operations management.

## **Global Teaching Experience**

<u>Global Aviation MBA program</u> (John Molson School of Business, Concordia University, Montreal, Canada)

Executive MBA programs (Canada, USA)

<u>Corporate Executive programs</u> (Honeywell, PETsMART, Scottsdale Healthcare, Mayo Clinic, John C. Lincoln Hospital, Banner Health)

<u>Short Global Operations seminars</u> (Indian Institute of Technology (Chennai), Indian Institute of Management (Ahmedabad), and Great Lakes Institute of Management (Chennai), India)

## **Funded Research Experience**

1993-1998 Canada Research grants: C\$ 325,000

<u>Sources:</u> National Science and Engineering Research Council, Fonds de researche sur la nature et les technologies – Quebec, Social Sciences and Humanitarian Research Council, and Seagram Foundation.

1998-2012 USA Sponsored research grants: \$ 990,000

<u>Sources:</u> MARS foods (2012), American Express Global Technologies (2005-2010), PETsMART (2004-2005), Motorola – Greater Community Capacity Building" grant (2002-2003), and Scottsdale Healthcare (2008-2009).

## **Teaching Excellence**

Nominated for Outstanding Teaching Excellence Award
MBA program
School of Global Management and Leadership
Arizona State University
2006-2008

Award for Outstanding Teaching Excellence
John Molson School of Business
Concordia University
Montreal, Canada
June 1997

## **Consulting Experience**

Confederation of Indian Industries (CII), India; India Nippon Electricals (India); Garuda Airlines (Indonesia); Tunis-Air (Tunisia); Pratt & Whitney; Monsanto Chemicals, Bombardier (Canada); Amercian Express, Honeywell, Phoenix, ITC -Dayton (USA), PETsMART, Phoenix (USA)

# **Academic Background**

Ph.D.	University of Alabama	Management Science	1992
M.S.	University of Alabama	Industrial Engineering	1987
B.S.	University of Madras, India	Production Engineering	1983

## **Work Experience**

## **Academic Experience**

Faculty Director

Network for Value Chain Analysis – Department of Supply chain management; W. P. Carey School of Business

Arizona State University (August 2011...)

**Faculty Director** 

**Executive MBA Program** 

W. P. Carey School of Business

Arizona State University (July 2010 – August 2011)

**Director** 

Center for Productivity, Innovation and Quality (CPIQ)

Arizona State University (January 2008 – December 2008)

Associate Professor (tenured),

**Operations Management,** 

School of Global Management and Leadership & W. P. Carey School

of Business (Supply Chain Management Department)

Arizona State University (August 1998 – present)

**Director** 

**MBA Program** 

School of Global Management and Leadership

Arizona State University, (January 2004 – Aug. 2006)

Associate Professor (tenured)

**Decision Sciences & MIS** 

**Concordia University** 

Montreal Canada (June 1997 – July 1998)

Assistant Professor (tenure-track)

**Decision Sciences & MIS** 

**Concordia University** 

Montreal Canada (January 1992 – June 1997)

## **Industry Experience**

Industrial and Methods Engineer,

**Lucan Indian Service** 

Madras, India (1983 - 1985)

## Intellectual Contributions

#### REFEREED JOURNAL PUBLICATIONS

- S. Mohan, M.F., Alam, J.W. Fowler, A. Printezis, and M. Gopalakrishnan (2013). "Improving Quality of Service through Performance Evaluation and Capacity Planning for Web-based Applications". *In press, Decision Sciences*
- Alam, M., S. Mohan, J. W. Fowler, and M. Gopalakrishnan (2012). "A Discrete Event simulation Tool for Performance Management of Webbased Application Systems", *Journal of Simulation*, 6, 21-32.
- Mohan, S., M. Gopalakrishnan, R. Marathe and A. Rajan. (2012). "A note on modeling the capacitated lot-sizing problem with set-up carryover and set-up splitting", *International Journal on Production Research*, 50:19, 5538-5543
- Mohan, S., M. Gopalakrishnan, P. Mizzi (2011). "Improving the agility of a food distribution network: The case of a non-profit supply chain for the food insecure", *International Journal of Production Economics*, doi: 10.1016/j.ijpe.2011.05.019.
- Dooley, K., T. Yan, S. Mohan, and M. Gopalakrishnan (2010). "Inventory Management and the Bullwhip Effect during the 2007-2009 Recession: Evidence from the Manufacturing Sector", *Journal of Supply Chain Management*, Vol. 46 (1), 12-18.
- Gopalakrishnan, M., S. Mohan, A. Printezis, T. Laporte, and Q. Li (2009). "Improving the utilization of Catheterization labs at Scottsdale Healthcare", *Interfaces* Practice Abstract, Vol. 39 (3), 288-290.
- Oke, A., & Gopalakrishnan, M. (2009) "Managing disruptions in supply chains: A case study of a retail supply chain." *International Journal of Production Economics*, Vol. 118 (1), 168 174
- Printezis, A., Burnetas, A., & M. Gopalakrishnan. (2009). "Pricing and capacity allocation under asymmetric information using Paris Metro Pricing." *International Journal of Operational Research*, Vol. 5 (3), 265-279
- Mohan, S., Gopalakrishnan, M., and A. Chandrashekhar. (2008). "Multi-item, Economic Order Quantity Model with Permissible Delay in Payments and a Budget Constraint", *European Journal of Industrial Engineering*, 2, 4, 446-460.

- Gopalakrishnan, M. Samuels, J., & Swenson, D. (2007) "Target Costing at a Consumer Produts Company" *Strategic Finance*, *89*, *6 pp 36-42*
- Note: This paper was nominated for the best practitioner paper award and received a commendation certificate in the annual Management Accounting Conference in 2008
- Printezis, A., & Gopalakrishnan, M. (2007) "Current Pulse: Can a Production System Reduce Medical Errors in Health Care?"

  Quality Management in Health Care. 16, 3; 226-238
- Mohan, S. and Gopalakrishnan, M. (2007). "Analytical framework for the multi-item, economic order quantity model with permissable delay in payments and a budget constraint A note". *International Journal of Production Planning and Control.* **18**, **4**, **361-363**.
- Mohan, S., Gopalakrishnan, M., Balasubramanian, H. and A. Chadrashekhar (2007), "A Lognormal Approximation of Activity Duration in PERT using Two Time Estimates", *Journal of the Operational Research Society*, **58, 827-831**.
- <u>Note</u>: This was based on a real project time estimation problem brought to our attention by the last author who works for IBM Global Services.
- Chandrasekhar, A. & Gopalakrishnan, M. (2005). "Purchase Cards (P-Cards) and Inventory Control An Analytical Framework". *International Journal of Production Planning and Control*, 16, 5, 437-443.
- <u>Note:</u> This work came out of a real-world problem involving "purchase cards (P-cards)" brought to us by the last author who works for IBM global consulting.
- Gopalakrishnan, M., Mohan, S. and He. Z. (2001). "A Tabu Search Heuristic for a Class of Maintenance Scheduling Problems," *Computers and Industrial Engineering*, **40**, **149-160**.
- Gopalakrishnan, M., Ke, D., Bourjolly, J-M and Mohan, S. (2001), "A Tabu Search Heuristic for the Capacitated Lot Sizing Problem with Setup Time and Setup Carryover." *Management Science*, **47**, **851-863**.
- <u>Note:</u> This work came out of a real-world problem in a paper mill at James River Corporation in Alabama. This paper has been cited more than 50 times. .
- Gopalakrishnan, M., Narayanan, S., Bodner, D. A., Patchigolla, K. K., & Kantameni, P. R. (2001). "A Computerized System for Storage Location Assignment in Third Party Warehouses." *International Journal of Industrial Engineering*, 8, 2, 159-167.
- Gopalakrishnan, M. (2000). "A Modified Framework for Modeling Setup Carryover in the Capacitated Lot Sizing Problem." *International Journal of Production Research, 38, 14,* 3421-3434.

- Waldman, D. A., Lituchi, T., Gopalakrishnan, M., Laframboise, K., & Galperin, B. L. (1998). "A Qualitative Analysis of Leadership and Quality Improvement." Leadership Quarterly, 9, 2, 177-201.
- Gopalakrishnan, M., Ahire, S., & Miller, D. M. (1997). "Maximizing the Effectiveness of a Preventive Maintenance Schedule An Adaptive Modeling Approach." *Management Science*, *43*, *6*, 827-840.
- Gopalakrishnan, M. & Reddy, S.J (1996). "Pitfalls to avoid while pursuing ISO Registration." *Management Research*, *19*, *10*, 60-63.
- Goyal, S.K & Gopalakrishnan, M. (1996). "Production Lot Sizing Model with Insufficient Production Capacity." International Journal of *Production Planning and Control*, 7, 2, 212-214.
- Waldman, D. & Gopalakrishnan, M. (1996). "Operations and Organizational Factors Predictive of Customer Perceptions of Service Quality." *Journal of Quality Management*, 1,1, 91-107.
- Gopalakrishnan, M. (1995). "Technology Management and Information Technology Strategy: Preliminary Results of an Empirical Study of Canadian Organizations." *International Journal of Information Management*, 15, 4, 303-315.
- Gopalakrishnan, M., Miller, D. M, & Schmidt, C. P. (1994). "A Framework for Modeling Setup Carryover for the Capacitated Lot Sizing Problem."

  International Journal of Production Research, 33, 7, 1973-1988.
- Gopalakrishnan, M., Gopalakrishnan (Mohan), S., & Miller, D. M. (1993). "A Decision Support System for Manpower Scheduling in a News Paper Publishing Environment." *Interfaces, 23,* 104-115.
- Goyal, S.K & Gopalakrishnan, M. (1993). "Transportation Problem with Contractor Selection." *Management Research*, *16*, *8*, 19-23.
- Goyal, S. K. & Gopalakrishnan, M. (1993). "A Comment on: A note on the EOQ-JIT relationship." **International Journal of** *Production Planning and Control*, 4, 3, 283-285.

### **WORK IN PROGRESS**

Mohan, S., Gopalakrishnan, M., A. Feller, and S. Pattabiraman, "Technology Division of a Financial Services Company Reduces Cost of Product Upgrades Using Emulation Driven Simulations", *Interfaces* (to be submitted)

- Fowler, J., M. Gopalakrishnan, Q. Li, S. Mohan, & A. Printezis "Improving the Efficiency of Catheterization Labs Using Simulation" *Computers and OR* (to be submitted)
- Gopalakrishnan, M., Libby, T., Samuel, J., & Swenson, D. "Cost Targets, Loose Controls, and Information Timing: How They Affect Cost Reduction in a Product Design Environment." *Accounting Organization and Systems* (Under review)

#### REFEREED CONFERENCE PROCEEDINGS

- Mohan, S., Gopalakrishnan, M\*., Fowler, J. W., Li, Q., and Printezis, A., (2012). "Improving the Efficiency of Catheterization Laboratories using Simulation." INFORMS Annual Conference, Phoenix, Arizona, USA, October 14-17, 2012. (\*Chaired this session)
- Gopalakrishnan, M\*., Schneller, E., and Rahman, B., (2012). "Service Logistics: The Case of Self-Distribution in US Hospitals case study." 17th International Symposium on Inventories, Budapest, Hungary, August, 20-24, 2012. (\* presented in-absentia).
- Gopalakrishnan, M., Schneller, E. and Rahman, B (2011). "To Self-Distribute or Not: Hospital Distribution Dilemma." 42nd Annual Meeting, Decision Sciences Institute, Boston, MA, USA, November 19-22, 2011.
- Gopalakrishnan, M\*., Schneller, E. and Rahman, B (2011). "Health Care Product Distribution Logistics: Issues, Challenges and Emerging Trends." 22nd Annual POMS Conference, Reno, NV, USA, April 29-May 02, 2011. (\* chaired this session)
- Gopalakrishnan, M\*. and Schneller, E (2010). "Distribution Methodologies in Health Care." XIV Annual Conference of the Society of Operations Management, Mumbai, India, December 17-19, 2010. (\* chaired this session)
- Gopalakrishnan, M., Mohan, S., & Mizzi, P.J. (2010). "Improving the agility of a food distribution network: The Case of a nonprofit supply chain for the food insecure" 16th International Symposium on Inventories, August 20-24, 2010 Budapest, Hungary.
- Gopalakrishnan, M. and Mohan, S. (2009). "Quality of Service in Web-based Applications: The Effects of Resource Locking on Capacity Planning." XIII

- Annual Conference of the Society of Operations Management, Chennai, India, 20-22 December 2009
- Gopalakrishnan, M\*, Saddikuti, V., and Verdini, W. (2009). "Teaching Manufacturing and Distribution Issues in a Medical Device Supply Chain Case of an Indian Pacemaker." XIII Annual Conference of the Society of Operations Management, Chennai, India, 20-22 December 2009. (\* Chaired this session)
- Gopalakrishnan, M., Samuels, J. and Swenson, D. (2009). "Cost Goals and Information Timing: How They Interact to Affect Cost Reduction in a Product Design Environment." **24th Annual CAR conference**, Montreal, Canada, November 6-7, 2009. (Refereed)
- Gopalakrishnan, M.\*, Mohan, S and Li, Q. (2009). "ED Crowding Modeling and Analysis." **CORS/INFORMS International Conference, Toronto, Canada**, June 14-16, 2009. (\* Chaired the session on "Emergent Care Operations").
- Fowler, J., Gopalakrishnan, M., Li, Q., Mohan, S, and Printezis, A. (2009). "Scheduling and Capacity Planning in Cath Labs: A Real-World Analytical Study." 20th Annual Conference of the Production and Operations Management Society, May 1-4, Orlando, Florida
- Alam, F., Fowler, J., Gopalakrishnan, M., Mohan, S. and Printezis, A. (2009). "Improving Quality of Service in E-business: Resource Locking and Capacity Planning." **20th Annual Conference of the Production and Operations Management Society**, May 1-4, Orlando, Florida
- Feller, A., Gopalakrishnan, M. and Mohan, S. (2009). "Capacity Modeling for Application Servers in a Distributed SOA Computing Environment." **INFORMS Western Regional Conference**, Tempe, Arizona, April 24-25, 2009.
- Gopalakrishnan, M., Samuels, J., & Swenson, D. (2008). "Target costing: The Effect of Information Timing on Cost Reduction" American Accounting Association (Management Accounting Section) Annual Conference, Long Beach, California.

  Also a version of the above paper was presented at XI Annual International Conference of Society of Operations Management at Symbiosis Institute of Operations Management, Nashik, India, 2008
- Alam, M. F., Gopalakrishnan, M., & Mohan, S. (2007). "A Generic Simulation Model for Web-based Computer Applications in Distributed Computing Environments." Decision Sciences Institute Annual Meeting, Phoenix.

- Gopalakrishnan, M. & Oke, A. (2006). "Managing Disruptions in Supply Chains." 14th International Symposium on Inventories -- Budapest, Hungary.
- Mohan, S., Gopalakrishnan, M., Balasubramanian, H., and Chandrashekar, A. (2005), "A Lognormal Approximation of Activity Duration in PERT using Two Time Estimates," Decision Sciences Institute Annual Meeting, San Francisco.
- Gopalakrishnan, M., Mohan, S. & R. Seshadri, R. (2005), "Capacity and Performance Management in a Web-based Distributed Computing Environment A Simulation Approach", Sixth International Conference on Operations and Quantitative Management, Indore, India.
- Laframboise, K., Gopalakrishnan, M., & Etezadi, J. (2003). Correlation Between Quality Practices and Business Performance in Central Canada. EUROMA Conference. INSEAD, Fontainebleau, France
- Gopalakrishnan, M., Mohan, S. & Mizzi, P. (2002), "Improving the Efficiency of a Food Supply Chain for the Needy: A Case Study," *Decision Sciences Institute Annual Meeting*, San Diego.
- Bourjolly, J-M., Ke, D., Gopalakrishnan, M., Gramani, M.C.N., & S. Mohan (2001), "On a Tactical/Operational Production Planning Problem in Supply Chain Management," MIC '2001 4th Metaheuristics International Conference, Porto, Porutgal.
- Gopalakrishnan, M. (2001). "Electronic Issues in Supply Chain Management. Key note Address "--International Conference on Logistics and Supply Chain Management, Coimbatore, India
- Gopalakrishnan, M. & Mic, C. (1998). "Reducing Internal Lead Times of a Warehouse in the Aerospace Industry: A Simulation Study." International Operations Management Workshop, Indian Institute of Management.
- Razvi, S., Etezadi-Amoli, J., Gopalakrishnan, M., & Bayne, C. (1997). "The Measurement of Organizational Culture for the Implementation of Quality Management in a Healthcare Environment." Atlantic Schools of Business Conference in Fredericton, N.B., Canada. .
- Gopalakrishnan, M. & Laframboise, K. (1997). "Improving Policing Service Quality Via New Technologies." International Conference on Quality Engineering and Management, Coimbatore, India.

- Gopalakrishnan, M. (1996). "Capacitated Lot Sizing Problem with Setup times and Setup carryover." VII CLAIO-XXVIII SBPO -Rio de Janeiro, Brazil.
- Gopalakrishnan, M., Ding, K., & Bourjolly, J. (1995). "Capacitated Lot Sizing Problem with Setup times and Setup carryover: A Mathematical Model and Tabu Search Solution." Operations Research Society of India. XXVIII Annual Convention, Delhi, India.
- Waldman, D. & Gopalakrishnan, M. (1994). "Operations and Organizational Factors Predictive of Customer Perceptions of Service Quality." POM division of Academy of Management Annual Conference.
- Motahari, S., Waldman, D., & Gopalakrishnan, M. (1993). "Further Validation and Industry Comparisons Using SERVQUAL."

  Proceedings of ASAC, Lake Louise, Alberta, Canada.
- Waldman, D., Motahari, S., & Gopalakrishnan, M. (1993). "Total Quality Management Factors Predictive of Customer Perceptions of Service Quality." Proceedings of ASAC, Lake Louise, Alberta, Canada.

### **CONFERENCE PRESENTATIONS**

- Gopalakrishnan, M., and Raman, K., (2012). "Supply Chain Management Strategies for Resilient Operations." 85th Annual AZ Water Conference, May 4, 2012. This paper was also presented at the AWWA Water Security and Emergency Preparedness Conference, Saint Louis, August 9, 2012.
- Mohan Gopalakrishnan (2010). "Health Care trends in India: Career opportunities for Industrial Engineering graduates." Invited talk, International Conference on Advances in Industrial Engineering Applications (ICAIEA 2010), January 6-8, 2010, Anna University, Chennai, India.
- Mohan Gopalakrishnan. (2009). "Knowledge Management and Total Cost Analysis." Invited talk Confederation of Indian Industries (CII) 8th Cost Congress Meeting, Chennai, India, December 17, 2009.
- Gopalakrishnan, M. (2008). "Health Care Supply Chain Trends and challenges." Keynote speech special session on Health Care.

- Consortium of Advanced Mangement Intenational (CAM-I)'s fourth quarter meeting, Scottsdale AZ, December 2008.
- Mohan. S., Gopalakrishnan, M., Li, Q., & Printezis, A. (2008) "Scheduling issues in healthcare," DSI 39th Annual Meeting, Baltimore, MD, November, 2008
- Mohan. S., Gopalakrishnan, M., Li, Q., & Printezis, A. (2008) "ED Crowding problem Role of bed allocation," DSI 39th Annual Meeting, Baltimore, MD, November 2008
- Li, Q., Mohan S., Printezis, A., Gopalakrishnan, M., & Fowler, J. (2007). "Optimization of Catheterization Lab Scheduling Using Computer Simulation", INFORMS Conference, Seattle, Washington.
- Mohan, S., Gopalakrishnan, M., Li, Q., & Narayana, N. (2007). "Academics, Industry, and a Nonprofit: Optimizing a Food Reclamation Center for the Food Insecure", Invited presentation at Decision Sciences Institute Annual Meeting, Phoenix, Arizona.
- Gopalakrishnan, M. & Oke, A. (2006). "Managing Disruptions in Supply Chains: A Case Study of a Retail Supply Chain." 10th Annual Conference of Society of Operations Management. Boston, Massachusetts, USA
- Gopalakrishnan, M. & Oke, A. (2006). "Supply Chain Quality
  Management a theoretical framework" 10th Annual Conference
  of Society of Operations Management. Boston, Massachusetts, USA
- Gopalakrishnan, M. & Swenson, D (2004) "Supply chain Management and Target costing -- Invited Lecture," Consortium of Advanced Manufactruing International -- IV Quarter Meeting, San Antonio, Texas.
- Gopalakrishnan, M, (2003) "Demand Based Management in a Retail Environment Case Study and Preliminary Results," International Operations Management Conference, Indore, India.
- Gopalakrishnan, M. (2001) "E-Commerce and Supply Chain Management," International Conference on Logistics and Supply Chain Management. Coimbatore, India.
- Mizzi, P., Gopalakrishnan, M., Zabilski, S. & Ogden, C. (2001) "Supply Chain Management in a Not-for-Profit Setting," INFORMS International. Honolulu, Hawaii.

Gopalakrishnan, M. and S. Mohan (1999), "A Tabu Search Heuristic for Preventive Maintenance Scheduling." Operations Research Society of India International Conference, New Delhi, India.

#### SPONSORED RESEARCH PROJECTS

- Optimization of Catheterization Lab Scheduling using Simulation, Scottsdale Healthcare, 2006 – 2008
- Information Technology Capacity Planning and Management in a Financial Services Firm-- American Express 2003-2010
- Warehouse and store logistics optimization in a retail supply chain PETSMART 2003-2005
- Enhancing the efficiency of a humanitarian logistics system St. Vincent de Paul (several grants with them) 2001-2007
- Storage Location and Allocation Problem in Warehouses ITC, Dayton, Ohio, 1998-2000
- Service Quality: Futures Survey and in depth analysis of Technology and Focus- SEAGRAMs, Canada 1996-1998
- Lot sizing and Scheduling NSERC, Canada & FCAR, Quebec 1993-1996

#### ACADEMIC & PROFESSIONAL SERVICE

#### **Doctoral Dissertation Chair**

Kevin Laframboise Concordia, Montreal, Canada (2001)

#### Master's Thesis Supervisor

7 students, Concordia University, Montreal, Canada (1993-1998)

#### **Doctoral Dissertation Committee Member**

Qing Li, Industrial Engineering, ASU (healthcare domain, 2010) Mohammad Alam, Industrial Engineering, Arizona State University(2008) Rohit Bhatnagar, McGill University, Canada (1997)

External member on dissertation committees for Universities in India and Malaysia.

### **Editorial board**

International Journal of Production, Planning and Control AIMS - India
Asian Journal of Case Research
International Journal of Economics and Management

### Ad-hoc Reviewer

European Journal of Operational Research
Decision Sciences
Journal of Operations Management
Journal of Supply Chain Management
International Journal of Production Economics
International Journal of Industrial Engineering
International Journal of Production Planning and Control
International Journal of Production Research

## Conference Session Chair

SCM Director's conference – Phoenix 2012 – Coordinator INFORMS Conference – Phoenix 2012 – Arrangements – Co-chair Decision Sciences Conference – San Francisco 2012 – Show Case theme-Asia-Session Chair

SOM ~ India, CORS/INFORMS ~ Toronto, Canada, 2009

DSI, Baltimore, 2008

DSI, Phoenix, 2007

XI International Conference of the Operations Management Society of India, December 2007

POMS Boston, 2006

IX International Conference of the Operations Management Society of India, December 2005

DSI San Diego 2003

VII International Conference of the Operations Management Society of India, December 2003

#### **Professional Committees**

DSI Futures planning committee INFORMS Supply Chain Management Forum SOM, India, Executive comittee

### **UNIVERSITY SERVICE**

SCM Departmental personnel committee – WP Carey	2009
Chair, ASU –West Faculty Senate Personnel Committee	2005-2007
Chair, Strategic Planning, SGML, ASU	2004-2006
Mentor, New Faculty	2004-present
MentorFuture Faculty Program	2005-present
Chair, Student Issues Committee, ASU	2003-2005
Dean's Search committee	2004-2005
Chair, OPM search committee	2004, 2005
Member of MIS, Strategy, and Marketing searches	2000-present

## HONORS AND ACTIVITIES Arizona State University

## PROFESSIONAL ASSOCIATIONS

INFORMS; Decision Sciences Institute; POMS Society for Operations Management, India

<sup>&</sup>quot;Strategic Finance" Best Article (nomination) and commendation 2008 School of Global Management and Leadership Research Award 2005, 2006