Anant Balakrishnan
Professor
Information, Risk, and Operations Management

Education:
PHD, MIT, 1985
MBA, Indian Institute of Management, 1978
B. Tech., Indian Institute of Technology, 1976

Short Bio:
Anant Balakrishnan is the Associate Dean for Research and holds the Kenneth M. and Susan T. Jastrow, II Chair at the McCombs School of Business. He has previously held faculty appointments in the business schools at MIT, Penn State, and Purdue. He holds a Ph.D. from MIT, and B. Tech (Electronics) and MBA degrees from IIT and IIM. Dr. Balakrishnan's research and teaching interests include operations and supply chain management, management science, and telecommunications. His research focuses on developing effective optimization models and methods to support planning and managerial decision-making for operations, logistics, and telecommunications.

Dr. Balakrishnan has worked closely with many manufacturing and service firms, and has published in leading journals such as Management Science, Networks, Operations Research, Transportation Science, Manufacturing & Service Operations Management, and Mathematical Programming. Professor Balakrishnan serves on several editorial boards. His professional awards include the Zannetos Prize for research, and the Salgo-Noren award for teaching. He was Vice-President of Subdivisions for INFORMS (Institute for Operations Research and the Management Sciences), and has organized and participated actively in many professional activities of this association.

Academic Posts:
University of Texas at Austin, 2002 - present; Purdue University; MIT; Penn State University

Research Areas:
Distribution Channels, Information Systems, Large Scale Optimization, Network Design, Operations Management, Supply Chain Management, Telecommunications

Industry Areas:
Decision Support Systems, Logistics, Manufacturing, Retail, Telecommunication

Professional Service:
Area Editor, *Operations Research*, 2006 - present;
Senior Editor, *Production and Operations Management*, 2003 - present;
Associate Editor, *Networks*, 1999 - present;
Vice-President, Institute for Operations Research and the Management Sciences (INFORMS), 1998 - 2002;
Senior Editor, *Manufacturing & Service Operations Management*, 1996 - 2005;
Editorial Board Member, *Telecommunication Systems*, 1994 - present;
Area Editor, *INFORMS Journal on Computing*, 1992 – 2001

Recent and Representative Publications:

Anantaram Balakrishnan, Prakash Mirchandani, and Harihara Prasad Natarajan. 2009. Connectivity Upgrade Models for Survivable Network Design. *Operations Research* 57, 170-186.

Anantaram Balakrishnan, Pangburn, Michael S., and Stavrulaki, Euthemia. 2008. Integrating the Promotional and Service Roles of Retail Inventories. *Manufacturing & Service Operations Management* 10, 218-235.

Xiajun Pan and Anantaram Balakrishnan. 2007. Optimal Material Sourcing and Delivery Operations, in *Proceedings of International Network Optimization Conference*, Spa, Belgium.

Anantaram Balakrishnan, Michael S. Pangburn, and Euthemia Stavrulaki. 2004. "Stack Them High, Let 'em Fly": Lot-Sizing Policies When Inventories Stimulate Demand. *Management Science* 50, 630-644.

Anantaram Balakrishnan, Thomas L. Magnanti, and Prakash Mirchandani. 2004. Connectivity-Splitting Models for Survivable Network Design. *Networks* 43, 10-27.

Anantaram Balakrishnan, Joseph Geunes, and Michael S. Pangburn. 2004. Coordinating Supply Chains by Controlling Upstream Variability Propagation. *Manufacturing & Service Operations Management* 6, 163-183.

Professional Awards:

Best Paper Award, Telecommunications Section, INFORMS National Meeting, 2002;
Transportation Science Best Dissertation Prize, Operations Research Society of America, 1985;
Zannetos Thesis Prize, MIT, 1985

Teaching Awards:

Salgo Noren Outstanding MBA Teaching Award, Krannert Graduate School of Management, Purdue University, 1988