CURRICULUM VITAE

SRIDHAR SESHADRI

Office Address:

Room 873, KMC
New York University
44, West 4th Street
New York, NY 10012
Tel: (212) 998-0294
e-mail: sseshadr@rnd.stern.nyu.edu
http://www.stern.nyu.edu/~sseshadr

EDUCATION

1998	Participated in the International Teacher's Program conducted by the London Business School.
1989 - 93	Ph.D.. in Management Science, University of California, Berkeley.
1978 - 80	Postgraduate Diploma in Management, Indian Institute of Management, Ahmedabad, India.
1973 - 78	Bachelor of Technology in Mechanical Engineering (with distinction) , Indian Institute of Technology, Madras, India.

ACADEMIC AWARDS, HONORS AND FELLOWSHIPS

2004	Named First Toyota Professor of IOMS
2004	Appointed Robert Stansky Faculty Fellow at the Stern School
2002	DMI-0200406 "Collaborative Research: Resource and Demand Allocation in Dynamic Environments." award of $147508 to NYU and $200,000 to NC State University. PI's Seshadri, S. and Chao, X., co-PI: Michael Pinedo.
2000	Elected Fellow of the Institution of Engineers (India), March 28, 2000.
1998	Received the Stern Teaching Excellence Award.
1997	Received the Stern Undergraduate Teacher of the Year Award for the year 1996-1997.
1992	George C. and Helen Pardee Scholarship for Graduate Study in Business Administration for the academic year 1992-93.
1989	Haas School of Business, U.C. Berkeley Departmental Fellowship for the academic year 1989-90.
1980	Gold medal for scholastic excellence, Indian Institute of Management, Ahmedabad.
1979 - 80	Industrial Scholarships for study at the Indian Institute of Management, Ahmedabad.
1973	National Science Talent Search Scholarship. All India Rank 13 in the All India Higher Secondary Examination.

RESEARCH

Areas of Interest: Stochastic modeling and applications in manufacturing, distribution systems, telecommunications, database design, and banking.

Dissertation: Stochastic Models of Semiconductor Fabs. Advisors: Professors George Shanthikumar and Roger Glassey.

PROFESSIONAL ACTIVITIES

Associate Editor, *Naval Research Logistics*, since July 1996.

Associate Editor, *Telecommunication Systems,* August 1997-2005.

Area Editor, Inventory, Reliability and Control, *Operations Research Letters*, since January 2002.

Editorial Review Board, *Production and Operations Management*, since September 1998. Senior editor in two areas.

Guest editor for special volume of *IEEE Transactions on Semiconductor Manufacturing* based on articles presented during the Advanced Semiconductor Manufacturing Conference & Workshop" Sep. 10-12, 1997, Cambridge, MA Sponsored by IEEE and SEMI.

Associate Editor for Special Issue on "Customer Satisfaction Through Design, Manufacturing and Supply Networks," *Production and Operations Management*, Vol 11, Number 3, Fall 2002.

Co-editor (with Marti Subrahmaniam) of Special Issue on "Risk Management in Operations," *Production and Operations Management*.

ADMINISTRATIVE RESPONSIBILITY AT STERN

Undergraduate programs director, 2002-2004.

Phd programme co-director for Operations Management, 2002- (since inception)

Acting Assistant Dean for Academic Affairs, Stern Undergraduate College, Spring 2004.

PhD STUDENTS

Served on the thesis committee of Minendra Rijal.

Served on the thesis committee of Avi Giloni. Avi Giloni is currently an assistant professor at the Sy Syms School of Business, Yeshiva University, New York.

Co-chair of the thesis commitee of Cagri Haksoz. Cagri Haksoz, currently an assistant professor at the City University of London.

JOURNAL ARTICLES

1. Seshadri, S., "New Approach for Computing Order Quantities within Reorder Levels," *TCE*, Oct-Nov 1985.

2. Seshadri, S., "Determination of Aggregate Preventive Maintenance Programs Using Production Schedules," *Computers and Industrial Engineering,* **14**, 2,1988, p.193-200.

3. Hochbaum, D. and S. Seshadri, "The Empirical Performance of a Polynomial Algorithm for Constrained Nonlinear Optimization," *Annals of OR,* **43**,1993, p. 229-248.

4. Glassey, C. R. and S. Seshadri "Transient Flows in Queueing Systems via Closure Approximations," *Queueing Systems*, **14**, 1993, p. 177-201.

5. Seshadri, S. and J. G. Shanthikumar, "Allocation of Chips to Wafers in a Production Problem of Semiconductor Kits," Vol. 45, **2**, *Operations Research*, 1997, p. 315-321.

6. Segev, A., S. Seshadri, and D. Rotem, " Optimal Arrangements of Cartridges in Carousel Type Mass Storage Systems," *The Computer Journal*, **37**, 10, 1994, p. 873-887.

7. Nurani, R. K., S. Seshadri and J. G. Shanthikumar, "Optimal Control of a Single Stage Production System Subject to Random Process Shifts," **45**, 5, *Operations Research*, 1997, p. 713-724.

8. Harche, F. and S. Seshadri, "An LPT-Bound for a Parallel Multiprocessor Scheduling Problem," *The Journal of Mathematical Analysis and Applications*, **196**, 1995, p. 181-195.

9. Seshadri, Sridhar and V. Srinivasan, "Design of effective buffer control policies for ATM networks," *Performance Evaluation*, **26**, 2, 1996, p. 95-114.

10. Seshadri, S., "A Sample Path Analysis of the Delay in the *M/G/C* System," *The Journal of Applied Probability*, **33**, 1, 1996, p. 256-266.

11. Rotem, D. and S. Seshadri, "The two-headed disk: Stochastic dominance of the greedy policy," *Information Processing Letters*, **57**, 5, 1996, p. 273-277.

12. Glassey,C. R., S. Seshadri, and J. G. Shanthikumar, "Linear Control Rules for Production Control of Semiconductor Fabs," *IEEE Trans. Semiconductor Manufacturing*, **9**, 4, 1996, p. 536-549.

13. Glassey,C. R., S. Seshadri, and J. G. Shanthikumar, "Using Information about Machine Failures to Control Flowlines," *ZOR, Mathematical Methods of Operations Research*, **45**, 1998, p. 455-481.

14. Seshadri, S. and M. Pinedo, "Bounds on the Mean Delay in Multiclass Queueing Networks under Shortfall Based Priority Rules," *Probability in the Information and Engineering Sciences*, **12**, 3, 1998, p. 329-350.

15. Seshadri, S., A. Khanna, Harche, F., and R. Wyle, "A Method for Strategic Asset-Liability Management at the Federal Home Loan Bank of New York," *Operations Research*, **47**, 3, 1998, p. 345-360.

16. Pinedo, M., and S. Seshadri, "Optimal Allocation of Resources in a Job Shop Environment." *IIE Transactions on Operations Engineering*, **31**, 3, 1999, p.195-206.

17. Ross, S. M., and S. Seshadri, "Hitting Time Problem in an M/G/1 Queue." *Journal of Applied Probability*, **36**, 3, 1999, p. 934-940.

18. Nurani, R. K, Seshadri, S. Special section on the Eighth Annual Advanced Semiconductor Manufacturing Conference and Workshop (ASMC'97) - Guest editorial, *IEEE Transactions in Semiconductor Manufacturing*, **12**, 1, 1999, p.1-2.

19. Chatterjee, A., D. Gudmundsson, R. Nurani, S. Seshadri, and J. G. Shanthikumar, "Fabless-Foundry Partnerships: Models and Analysis of Coordination Issues," *IEEE Transactions in Semiconductor Manufacturing*, **12**, 1, 1999, p.44-52.

20. Moses, M. and S. Seshadri, "Policy Mechanisms for Supply Chain Coordination," *IIE Transactions*, **32**, 3, 2000, p. 245-262.

21. Agrawal, V., and S. Seshadri, "Risk intermediation in supply chains," *IIE Transactions*, **32**, 9, 2000, p. 819-831.

22. Agrawal, V. and S. Seshadri, "Distribution Free Bounds for Fill Rate Optimization of (r, Q) Inventory Policies" *Naval Reseach Logistics*, **47**, 8, 2000, p. 635-656.

23. Moses. M. and S. Seshadri, "Using Modeling Software to Improve Operations," *International Journal of Operations and Quantitative Management*, **6,** 3, 2000, p. 203-227.

24. Agrawal, V. and S. Seshadri, "Impact of Uncertainty and Risk Aversion on Price and Order Quantity in the Newsvendor Problem," *Manufacturing and Service Operations Management Journal*, **2**, 4, 2000, p. 410-423.

25. Seshadri, S. and Shapira, Z., "Managerial allocation of time and effort: The Effects of Interruptions," *Management Science*, **47**, 5, 2001, p. 647-662.

26. Gelenbe, E., Srinivasan, V., Seshadri, S, and N. Gautam, "Optimal Policies for ATM Cell Scheduling and Rejection," *Telecommunication Systems*, **18**, 4, 2001.

27. Giloni, A. and S. Seshadri, "Optimal Configurations of General Jobshops," *Queueing Systems*, **39**, (2-3), 2001, p. 137-155.

28. Ross, S. M., and S. Seshadri, "Hitting time in an Erlang loss system," *Probability in the Engineering and Information Sciences*, **16,** 2, 2002, p. 167-184.

29. Giloni, A., Kamesam, P. V. and S. Seshadri, "Service System Design for the Property and Casualty Insurance Industry," *Production and Operations Management*, **12**, 1, 2003, p. 62 - 78.

30. Gautam, N. and Sridhar Seshadri, "Performance Analysis for E-Business: Impact of Long Range Dependence," *Electronics Commerce Research Journal*, **2,** 2002, p. 233-253.

31. Agrawal, V., G. Lopomoand S. Seshadri, "Web Based Capacity Allocation Strategies for Customers with Heterogenous Preferences," *Electronic Commerce Research journal*, **2,** 2002, p. 359-384.

32. Swaminathan, J. and S. Seshadri, "A Component Index of Service Measurement in Multi-Component Systems." *Naval Research Logistics.* **50**, 2003, p. 184-194.

33. Agrawal, V., X. Chao and S. Seshadri. "Dynamic Balancing of Inventories in Supply Chains," *European Journal of Operational Research.* **159**, 2004, p. 296-317.

34. Hakzos, C. and S. Seshadri, "Monotone forecasts." *Operations Research*. **52,** 2004, p. 478-486.

35. Seshadri, S. and Z. Shapira, "The Flow of Ideas and Timing of Evaluation as Determinants of Knowledge Creation." *Industrial and Corporate Change*, **12**, 5, 2003, p. 1099-1124.

36. Gaur, V. and S. Seshadri, "Hedging Inventory Risk Through Market Instruments," *Manufacturing and Service Operations Management Journal*, **7**, 2, 2005, p. 103-120.

37. Otoo EJ, Rotem D, Seshadri S, "Efficient algorithms for multi-file caching," Database and Expert Systems Applications, Proceedings Lecture Notes in Computer Science, **3180**, 2004, p. 707-719.

38. Gaur, V., A. Giloni and S. Seshadri, "Information Sharing in a Supply Chain Under ARMA Demand." *Management Science*, **51**, 6, 2005, p. 961-969.

39. Seshadri, S. and M. Subrahmanyam, "Introduction to the Special Issue of Risk Management in Operations," *Production and Operations Management*, **14**, 2005, p. 1-4.

40. Giloni, A., S. Seshadri and J. Simonoff "Robust Analysis of Variance: Process Design and Quality Improvement," to appear in *IJPQM*.

COMPLETED PAPERS

"Supply Intelligence," co-authored with Eitan Zemel, submitted to M&SOM, June 2003. Under revision.

"Market incompletness and super-value additivity: Implications for securitization," co-authored with V. Gaur and M. Subrahmaniam, December 2004. Submitted to *Review of Financial Studies.*

"Optimal capacity in a coordinated supply chain," co-authored with X. Chao and M. Pinedo submitted to *Naval Research Logistics.*

"Indian Auto Supply Chain at the cross-roads," co-authored with Balakrishnan, K., Iyer, A. and Sheopuri, A., submitted to *Interfaces*. (under revision)

"Supply Chain Structure and Demand Risk," co-authored with Ying-Ju Chen submited to *Automatica.* Under revision.

"Outsourcing front-end business processes," co-authored with K. Balakrishnan and U. Mohan to *JOM*.

"Supply Chain Operations in the Presence of Spot Market: A Review with Discussion," with C. Haksoz to *JORSA.*

"Productivity and Technological changes in the Indian Auto Component Industry," with H. Saranga and A. Iyer submitted to *Manufacturing & Service Operations Management*.

"Convexity Properties and Comparative Statics for M/M/S queues with Balking and Reneging," with Armony, M. and E. Plambeck, submitted to *Manufacturing & Service Operations Management*.

BOOKS

Melnick, E., M. Pinedo, P. Nayyar, and S. Seshadri (eds.), "Creating Value in Financial Services," Strategies, Operations and Technologies, *Kluwer Academic Press*, 1999.

Moses, M., S. Seshadri, and M. Yakirevich, *Gaining Competitive Advantage through Business Process Improvement using the HOM Software System*, January 1999, Irwin-McGraw-Hill.

BOOK CHAPTERS:

Gelenbe, E., S. Seshadri and V. Srinivasan, "Single Node and End-to-End Buffer Control in Real Time," in *Performance Modelling and Evaluation of ATM Networks*, ed. D. Kouvatsos, Chapman and Hall Publishers, London, 1995. (Refereed)

Seshadri, S. and V. Srinivasan, "Procedures for Estimating and Guaranteeing Delays in High Speed Communication Networks," 151-176, in: *State of the Art in Performance Modeling and Simulation*, (eds.) K. Bagchi, J. Walrand, and G. Zobrist, Gordon and Breach Science Publishers, Amsterdam, 1998. (Refereed)

Pinedo, M. and S. Seshadri, "Capacity," chapter in *The Handbook of Technology Management*, Editor-in-Chief: R. C. Dorf, CRC Press, 1998.

Rotem, D., S. Seshadri, and L. M. Bernardo, "Replication and clustering in heterogeneous disk systems," Workshop on Distributed Data and Structures, Orlando, Florida - USA, March 30, 1998, a part of the 12th International Parallel Processing Symposium, IPPS'98 , to appear as a chapter in a book, 1998. (Refereed, Invited Talk.)

Pinedo, M. and S. Seshadri, "Scheduling," in *McGraw-Hill Encyclopedia of Science of Technology*, forthcoming 2002.

Melnick at al, "Creating Value in Financial Services," Chapter 1 in Melnick, E., M. Pinedo, P. Nayyar, and S. Seshadri (eds.), "Creating Value in Financial Services," Strategies, Operations and Technologies, *Kluwer Academic Press*, 1999.

Pinedo, M., S. Seshadri, and J. G. Shanthikumar, "Call Centers in Financial Services: Strategies, Technologies, and Operations," Chapter 18 in Melnick, E., M. Pinedo, P. Nayyar, and S. Seshadri (eds.), "Creating Value in Financial Services," Strategies, Operations and Technologies, *Kluwer Academic Press*, 1999.

Pinedo. M. and S. Seshadri, "Scheduling and Dispatching," in Handbook in Industrial Engineering, G. Salvendy, editor, John Wiley, NY.

Seshadri, S. and Z. Shapira, "The role of adaptation and targets in organizational learning," in a volume in memory of Richard Cyert: Mie Augier and James G. March, eds., Economics of Change, Choice, and Structure: Essays in the Memory of Richard M. Cyert. Cheltenham, UK: Edward Elgar Publishing, Ltd, 2002.

Seshadri, S., Z. Shapira and C. Tucci, "Venture Capital Investing and the Calcutta Auction," in *New Venture Investment: Choices and Consequences*. A. Ginsberg and I. Hasan (editors) 2003 Elsevier B.V.

Iyer, A. and S. Seshadri, "Transforming an Indian manufacturing company: The Rane Brake Linings Case," under review as a chapter in a book edited by Hau Lee and Chung Yee Lee on Supply Chains in Emerging Economies.

CONFERENCE PROCEEDINGS

Srinivasan, V., E. Gelenbe and S. Seshadri, "Performance of Optimal Loss Control Policies for ATM Networks," Invited paper for the *Princeton Conference on Information Systems and Sciences, Mar 16-17, 1994. In Proc. CISS 1994, p. 12-17.*

Chen, L. T., D. Rotem and S. Seshadri, "Declustering Databases on Heterogeneous Disk Systems," Refereed Proceedings[1], *21st VLDB Conference,* Zurich, Switzerland, 1995, p. 110-121.

Seshadri, S. and V. Srinivasan, "A Robust Heuristic for Minimizing Cell Loss in ATM Networks," MASCOTS '95, p. 48-52. (Invited paper honoring Dr. Edward Coffman on the occasion of his 60th birthday.)

Chatterji, A., A. Segev, and S. Seshadri, "A Partitioning Strategy for Approximate Joins," in *Proc. of the Third Annual Conf. on Information Technologies and Systems (WITS),* Orlando, FL, Dec. 1993, p. 11-20. (Refereed)

Gelenbe, E., S. Seshadri and V. Srinivasan, "Parallel Simulation of End-to-End Buffer Control Policies for Real-Time Packet Video," in *Proc. of the Second Workshop on Performance Modelling and Evaluation of ATM Networks*, Bradford, UK, July 1994. (Refereed)

Seshadri, S. and V. Srinivasan, "Adaptive Control of Cell Loss in ATM Networks," in *Proc. of the Third Workshop on Performance Modelling and Evaluation of ATM Networks*, Ilkley, West Yorkshire, UK, July 1995. (Refereed)

Chatterjee, A., R. Nurani, S. Seshadri, and J. G. Shanthikumar, "Role of Yield Management in Fabless-Foundry Partnerships." Advanced Semiconductor Manufacturing Conference & Workshop" Sep. 10-12, 1997 at Hyatt Regency Cambridge, MA Sponsored by IEEE and SEMI.

Pinedo, M. and Seshadri, S., "Monotonicity of Loss Probabilities in Acyclic Queueing Networks," *Proceedings of the 6th International Conference on Telecommunication Systems*, March, 1998, 208-215. (Refereed)

Rotem, D. and S. Seshadri, "Replication and clustering in heterogeneous disk systems," Workshop on Distributed Data and Structures, Orlando, Florida - USA, March 30, 1998. (Refereed, Invited Talk.)

Seshadri, S. and Z. Shapira, "Determinants of Knowledge Creation: The Flow of Ideas and Timing of Evaluation," in *Emerging Role of IT in the Global Environment*, ed. O. K. Gupta, Tata McGraw Hill Pub. Co., N. Delhi, 2000, pp. 247-256. (This paper was awarded a citation and cash prize under the technical papers category in the Second International Conference on Business and Management, Nirma Institute of Management, Ahmedabad, 2000.)

Chao, X, Seshadri, S. and Pinedo, M., Optimal capacity in a coordinated supply chain, NSF DMI grantee conference, 2003. (2003 National Science Foundation Design, Service and Manufacture and Industrial Innovation Grantees and Research Conference, Birmingham, AL, Jan 6-9 2003)

Chao, X, Seshadri, S. and Pinedo, M., Resource and Demand Allocation in Dynamic Environments, (2004 National Science Foundation Design, Service and Manufacture and Industrial Innovation Grantees and Research Conference, Dallas, TX, Jan 2004)

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[1] The annual VLDB conference is one of the oldest database conferences. Out of the 297 papers submitted in 1995, only 52 were selected for inclusion in the conference.

Otoo, EJ, D. Rotem, and S. Seshadri, "Efficient Algorithms for Multi-File Caching," 30 August - 3 September 2004, Zaragoza, Spain, DEXA 2004 - 15th International Conference and Workshop on Database and Expert Systems Applications.

Chao, X. and S. Seshadri, "Optimal Inventory and Capacity Strategies in Supply Chains with Capacity Smoothing," NSF Grantees Conference, Scottsdale, AZ, January 2005.

TECHNICAL REPORTS

Glassey, C. R., S. Seshadri, and J. G. Shanthikumar, "Production Control of Flowlines: Characterization of Optimal Policies," Report # 93-16, *Engg. Systems Research Center*, University of California, Berkeley, 1993.

Srinivasan, A., S. Seshadri, and J. G. Shanthikumar, "Stochastic Cycle Time Optimization of Sequential Systems," *Dept. of Electrical Engg., UC Berkeley, UCB/ERL M90/91*, Oct. 1990.

Gelenbe, E., V. Srinivasan and Sridhar Seshadri, "Optimal Policies for ATM Cell Scheduling and Rejection," Duke University, Dept. of Computer Science Technical Report, CS-1994-24

Segev, A., S. Seshadri, and D. Rotem, "Performance Evaluation of Mass Storage Systems for Scientific Databases," Lawrence Berkeley Laboratories, 1993.

WORKING PAPERS & WORK IN PROGRESS

Gaur, V., S. Seshadri, and M. Subrahmanyam, "Risk management in global supply chains."

Shapira, Z. and S. Seshadri, "The Role of Communication and Hierarchy in the Generation of Projects."

Iyer, A. and S. Seshadri, "Reverse information sharing in supply chains."

EMPLOYMENT HISTORY

2004-	Toyota Professor of Information, Operations and Management Science. Stern School of Business, New York University, New York.
1997-	Associate Professor, Department of Statistics and Operations Research, Stern School of Business, New York University, New York.
1993- 97	Assistant Professor, Department of Statistics and Operations Research, Stern School of Business, New York University, New York.
1985 - 89	Member of Faculty, Operations Management Area, Administrative Staff College of India, Hyderabad, India
1984 - 85	Executive Director, Sri Venkateswara Fabricators, Hyderabad, India.
1982 - 84	Engineer, Jaiprakash Associates Ltd. , New Delhi, India.
1980 - 82	Assistant Production Manager, Jyoti Ltd., Baroda, India.

WORK EXPERIENCE

Administrative Staff College of India (1985-89) : Major projects completed while at the college: Served on the Expert Committee set-up by the Department of Civil Aviation, Government of India, to study the feasibility of merging India's domestic and International Airlines,1986-87. Helped develop and implement a system to measure and monitor the quality of telephone service in India, 1987-89 on behalf of the Department of Telecommunications, Government of India. Served on the eighth five-year plan sub-committee for rural electrification in India. Developed and helped maintain a database on the 200 largest manufacturing organizations in India, 1986-89. Published a monograph on: The Improvements in the Public and Private Manufacturing Sectors in India.

Sri Venkateswara Fabricators (1984-85) **:** Executed piping jobs on a subcontract basis at the Narora Atomic Power Project, Narora, U.P., India.

Jaiprakash Associates (1982-84) **:** Completed the erection and commissioning of 36 pumping stations in Baghdad, Iraq. The work involved engineering, supply management as well as day-to-day coordination. The total value of work involved was $14.5 million.

Jyoti Ltd. (1980-82) : I was Assistant Production Manager of the Turbine and T.P. Bearings shop in the Heavy Machines Division of the Company. During 1981, I was given the additional assignment of introducing solid state relays in the relay production unit.

MEMBERSHIP IN SCIENTIFIC ASSOCIATIONS

- Fellow of The Institution of Engineers, India
- INFORMS

TALKS GIVEN/SESSIONS ORGANIZED AT PROFESSIONAL MEETINGS

"Stochastic Cycle Time Optimization of Sequential Systems," Special Interest Conference on Applied Probability in the Engineering, Informational, and National Sciences, Monterey, Jan., 1991.

"A Robust Heuristic for Minimizing Cell Loss in ATM Networks." MASCOTS '95 (Invited paper honoring Dr. Edward Coffman on the occasion of his 60th birthday.)

"Role of Intermediaries under Risk Aversion."INFORMS Washington, May 1996.

"Policy Parameters for Supply Chain Coordination." Multi-echelon Conference, Dartmouth College, June 1996.

"A Method for Estimating End-to-End Delays in ATM Networks," Invited talk at the INFORMS Technical Session on Telecommunications, INFORMS San Diego, May 4, 1997.

"Monotonicity of Cell Loss in Acyclic Networks," the 6th International Conference on Telecommunication Systems, SMU, Dallas, March, 1998.

Co-Chair of MSOM sponsored session on "Capacity Reservation and Pricing." INFORMS Montreal, April 27, 1998.

"Design of pricing contracts in supply chains under risk aversion." (MSOM sponsored session) INFORMS Montreal, April 28, 1998.

Chair of MSOM sponsored session on "Operations in Financial Service Firms," INFORMS Cincinnati, May 1999.

"On Using HOM: The Windows Based Software for Teaching Operations Management," at INFORMS Montreal, the Indian Institute of Management, Bangalore, and International Teacher's Program, Ashridge, UK.

"Role of Intermediaries in Supply Chains under Risk Aversion," University of Washington Business School, October 2, 1998.

"Design of Pricing Contracts in Supply Chains Under Risk Aversion," INFORMS Seattle, October 27, 1998.

"Managerial Allocation of Time and Effort." ICOQM, Ahmedabad, Jan 6, 1998.

"Decision Support Systems for Project Management." Administrative Staff College of India, Aug 8, 1999.

"Allocation of Capacity over the Internet." INFORMS Computing Society sponsored session, INFORMS Philadelphia, Nov 7, 1999.

"Control of Queues & the Management of Call Centers. " INFORMS Applied Probability Society sponsored session, INFORMS Philadelphia, Nov 7, 1999.

"Role of Intermediaries under Risk Aversion," Haas School of Business, U. C. Berkeley, November 1999.

"Determinants of Knowledge Creation: The Flow of Ideas and Timing of Evaluation." International Conference on Business and Management, Ahmedabad, Jan 3-6, 2000.

"e-ERP and DTC," with Atul Agrawal and Michael Pinedo in "Direct to Customer: New Distribution Model," Symposium, NYU, Mar. 10-11, 2000

Session Chair: "Pricing & Contracts Design," INFORMS, Salt Lake City, MSOM Sponsored Session, Sunday May 7, 2000. "Self-Service or Full-Service?" same session.

Program committee of the 3rd, 4th and 5th International Conference on Electronic Commerce.

Chaired Cluster: Supply Chain & E-Market Optimization. Session:Collaborative Decision Making in E-Marketplaces, INFORMS session Sun Nov 4, 2001.

Session Chair: Internet Business and Strategy, The 4th International Conference on Electronic Commerce Research , Cox School of Business, Dallas, Nov 9, 2001.

"Integrated Internet Market-Making: e-Tailing versus Going it Alone." Same session.

"Strategies for Hedging Inventory Risk," Case Western Reserve University, Oct 25 2001.

"Hedging Inventory Risk" U T Dallas, Nov 9, 2001.

"Inventory Risk" University of Michigan, January 23, 2002.

"The Mail Order Drug Industry," POMS San Francisco Conference, April 7, 2002. Also chaired sessions on Health Care Management and Technology in Health Care Management.

"Supply Intelligence." Purdue University, Oct 10 2003.

"Supply Intelligence."INFORMS Atlnata, Oct 19 2003,

"Valuation in Incomplete Markets," Mini-conference on Integrated Risk Management in Operations and Global Supply Chain Management, Olin School of Business, Univ of Washington at St Louis, June 11-12, 2004.

'Market Incompleteness and Super Value Additivity: Implications for Securitization' 2004 Annual Meeting of the European Finance Association from 18th to 21st August in Maastricht, The Netherlands.

Session Chair: "Forecasting and Information Sharing in Supply Chains," Informs Annual Conference, Denver, October 2004.

"Market incompletness, supervalue additivity and implications for securitization," Conference on Financial Innovation, Nov 11-12, 2004, New York.

"Capacity Planning under Dynamic Environments," National Science Foundation Grantees Conference, January 3, 2005, Scottsdale, AZ.

"Market incompletness, supervalue additivity and implications for securitization," The Second Annual CERF Seminar on Financial Innovation:Joint with MIT, at Cambridge Endowment for Research in Finance (CERF) in Cambridge, England, on the 1-3 April.

TEACHING

Administrative Staff College of India (1985-89):

Designed and conducted executive development programs in Production Planning and Control, Project Management, Productivity Management and Materials Management.

Stern School of Business:

- Operations Research for Industry and Government
- The core Operations Management course for graduate (MBA) students
- The core Operations Management course for undergraduate students
- "Design of Operations", a course that focuses on Production Planning & Control and Discrete Event Simulation Modeling
- Ph.D. level course, Introduction to Optimization
- Stochastic Processes II: Models for Manufacturing.
- B60.4301.01: Introduction to Stochastic Modelling.

- B60.4302.20: Planning and Inventory Models.
- Introduction to Stochastic Models for Finance
- Supply Chain Management

SERVICE ACTIVITIES

Organized and raised funds for an Industry cum Academia seminar on, "EDI and its Impact on Long Term Buyer Seller Relationships," November 10, 1995, at Stern.

Organized an Industry cum Academia Seminar, "Creating Value in Financial Services," March 7, 1997.

Organized the Multi-echelon Inventory Conference at the Stern School of Business, June 12-13, 1997.

Organized the 2000 MSOM Student Paper Competition with Ravi Anupindi.

Member of the Wickham Skinner Early Career Award Committee 2004-05.

Organized the conference on Understanding Global Outsourcing, Dec 9-10, 2004 joint with Purdue.

Organizing the conference on 2005 Summit on Indian Manufacturing Competitiveness: Setting the Agenda for Growth, Indian School of Business, Aug 18-19, 2005, joint with Purdue and Deloitee Research.