

## **DILIP CHHAJED**

Associate Dean for Online Programs and Strategic Innovations  
Krannert School of Management  
Purdue University

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155 S. Grant Street  
West Lafayette, IN 47907

### **EDUCATION**

Ph.D., Management, Purdue University, 1989

M.S., MIS, University of Texas at Dallas, 1986

B.S., Chemical Engineering, Indian Institute of Technology at Bombay, 1984

### **POSITIONS AT COLLEGES AND UNIVERSITIES**

Associate Dean for Online Programs and Strategic Innovations, Krannert School of Management, Purdue University, 2019-

Professor of Business Administration, University of Illinois, Department of Business Administration, Urbana-Champaign, Illinois, United States of America, 2002-2019

James Towey Faculty Fellow, University of Illinois, 2016-2019

Executive Director of MS Programs, University of Illinois at Urbana-Champaign, 2016-2018

Associate Head, Department of Business Administration, University of Illinois at Urbana-Champaign, 2013-2016

Visiting Professor, Sogang Business School, Sogang University, Korea, South, 2007-2008, 2010-2012

Adjunct Faculty, Sogang Graduate School of Management of Technology, 2011-2015

Director, MS in Technology Management Program, University of Illinois, Champaign, Illinois, United States of America, 2005-2012

Academic Director MSBA-IM, University of Illinois, MSBA-IM Program, Urbana-Champaign, Illinois, United States of America, 1999-2005

Visiting Associate Professor of Management, Purdue University, Krannert Graduate School of Management, West Lafayette, Indiana, United States of America, 2000-2003

Associate Professor, University of Illinois, Department of Mechanical and Industrial Engineering (0% Appointment), Urbana-Champaign, Illinois, United States of America, 1996-2002

Visiting Faculty, OIC, Lublin, Poland, 1998-2000

Instructor and Assistant Professor, University of Illinois, Department of Business Administration, Urbana-Champaign, Illinois, United States of America, 1989-1996

Teaching/Research Assistant, Purdue University, West Lafayette, Indiana, United States of America, 1986-1989

Teaching/Research Assistant, University of Texas, Dallas, Texas, United States of America, 1984-1986

#### MEMBERSHIP IN ACADEMIC AND PROFESSIONAL ORGANIZATIONS

Decision Sciences Institute  
INFORMS  
Manufacturing and Service Operations Management Society  
Production and Operations Management Society

#### POSITIONS IN ACADEMIC and OTHER ORGANIZATIONS

Honorary Adjunct Professor, R. D. Gardi Medical College, Ujjain, India, 2016 to present

Academic Council, Jaipuria Institute of Management, India, 2011-2017

Executive Vice-President, Section on Location Analysis", The Institute of Management Sciences, 1993-2009

Faculty-in-Residence, Caterpillar Logistics Services, Inc., Peoria, Illinois, United States of America, 1998

#### HONORS AND AWARDS

Incomplete List of Excellent Teachers, UIUC, 2001, 2007-2016

Best Environmental Issue Paper, Decision Science Institute, 2011

Academic Leadership Fellow, Committee on Institutional Cooperation, 2007-2008

Executive Educator of the Year, 2000

Dissertation Prize, College on Location Analysis, 1992

David Ross Research Fellow, Purdue University, 1988-1989

The Ameritech Dissertation Fellowship, Krannert School of Management, 1988-1989

#### PROFESSIONAL EMPLOYMENT/CONSULTING EXPERIENCE

Process Consultant, ADM, Helped one division develop a system for process improvement, Decatur, Illinois, 2007-2008

#### PUBLICATIONS

Books (Authored, Edited, Co-Authored, Co-Edited), Monographs and Manuals/Guides

Chhajed, D., Lowe, T. (Eds.), Building Intuition: Insights from Basic Operations Management Models and Principles, Berlin-Heidelberg: Springer-Verlag, 2008.

### Parts of Books (Chapters) and Case Studies

Chhaged, D., Lowe, T., "The Median Problem." Edited by Chhaged and Lowe, *Building Intuition: Insights from Basic Operations Management Models and Principles*, Berlin-Heidelberg: Springer-Verlag, 2008, pp. 101-114.

Chhaged, D., Chiang, W., "Optimal Supply-Chain Channel Design in B2B Electronic Commerce." Edited by Geunes, J. and P. Pardolas, *Supply Chain Optimization*, Berlin-Heidelberg: Springer-Verlag, 2005, pp. 145-168.

Shaw, M, Chhaged, D., Lee, I., "A Strategic Evaluation Methodology for Advanced Manufacturing Technologies: Integration of Product, Process, and Financial Evaluation." Edited by J. Lavelle, H. Liggett, and H. Paresi, *Economic Evaluation of Advanced Technologies: Techniques and Case Studies*, New York: Taylor and Francis, 2002, pp. 119-146.

Chhaged, D., Francis, R., Lowe, T., "Facility Location." *Encyclopedia of Operations Research and Management Science*, Kluwer Academic Press, 2001.

Lee, I., Chhaged, D., "A Strategic Evaluation Model for Flexible Manufacturing Systems: Integration of Product, Process and Financial Features," *Economic Evaluation of Advanced Technologies: Techniques and Case Studies*, New York: Taylor and Francis, 2001, pp. 119-146.

Chhaged, D., Lowe, T., Montreuil, B., "Integrated Station Location and Flow Network Design for Manufacturing Systems Layout," *Operations Research in Production Planning and Control*, Berlin-Heidelberg: Springer-Verlag, 1993, pp. 120-137.

### Articles in Refereed Journals

Wong, H., Kim, K., Chhaged, D., "Reducing channel inefficiency in product line design," *International Journal of Production Economics*, available online October 2020. <https://doi.org/10.1016/j.ijpe.2020.107964>

Shi, T., Chhaged, D., Wan, Z., Liu, Y., "Distribution Channel Choice and Divisional Conflict in Remanufacturing Operations," *Production and Operations Management*, Vol. 29, No. 7, 2020, pp 1702-1719.

Anand, G., Chhaged, D., Shah, S., Atkins, S., Diwan, V, "Do qualifications matter? A qualitative study of how villagers decide their health care providers in a developing economy " *PLoS ONE* 14(8): e0220316. 2019. <https://doi.org/10.1371/journal.pone.0220316>..

Li K., Wang L., Chhaged D., Mallik S., "The impact of quality perception and consumer valuation change on manufacturer's optimal warranty, pricing and market coverage strategies", *Decision Sciences*, Vol. 50, No. 2, April 2019, pp. 311-339.

Wong, H., Lesmono, D., Chhaged, D., Kim, K, "On the Evaluation of Commonality Strategy in Product Line Design: The Effect of Valuation Change and Distribution Channel Structure", *Omega*, Vol 83, 2019, pp14-25.

Park, J., Lee, J., Chhaged, D., Kim, K., "Does Modularizability of Technology Matter on the Technology Competition?", *Asian Journal of Technology Innovation*, Vol. 26, 2018, pp. 24-46.

Shi, T., Gu, W., Chhaged, D., Petruzzi, N., "Effects of Remanufacturable Product Design on Market Segmentation and the Environment", *Decision Sciences*, Vol. 47, No. 2, 2016. pp. 298-332

Gu, W., Chhaged, D., Petruzzi, N., Yalabik, B., "Quality Design and Environmental Implications of Green Consumerism in Remanufacturing", *International Journal of Production Economics*, Vol. 162, April, 2015, pp. 55-69.

Anand, G, Chhaged, D., Hong, S., Scagnoli, N, "Introducing Mobile Technology in Graduate Professional Education", *E-Learning and Digital Media*, Vol. 11, No. 6, 2014, pp. 543-553.

- Yalabik, B., Chhajed, D., Petruzzi, N., "Product and Sales Contract Design in Remanufacturing", International Journal of Production Economics, Vol. 154, 2014, pp. 299-312. (Highlighted in Perspectives Magazine, Spring 2014, 22-23.)
- Kim, K., Chhajed, D., Liu, Y., "Can Commonality Relieve Cannibalization in Product Line Design?", Marketing Science, Vol. 32, No. 3, May, 2013, pp. 510-521.
- Anand, G., Chhajed, D., Delfin, L., "Job Autonomy, Trust in Leadership, and Continuous Improvement: An Empirical Study in Health Care", Operations Management Research, Vol. 5, No. 3, 2012, pp. 70-80.
- Li, K., Chhajed, D., Mallik, S., "Design of Extended Warranties in Supply Chains under Additive Demand", Production and Operations Management, Vol. 21, No. 4, 2012.
- Chhajed, D., Blocher, J., "Minimizing Customer Order Lead-Time in Two Stage Assembly Supply Chain", Annals of Operations Research, 2008, pp. 25-52.
- Wu, C., Petruzzi, N., Chhajed, D., "Vertical Integration with Price-Setting Competitive Newsvendors", Decision Sciences, Vol. 38, 2007, pp. 581-610.
- Mallik, S., Chhajed, D., "Optimal Temporal Product Introduction Strategies under Valuation Changes and Learning", European Journal of Operational Research, Vol. 172, 2006, pp. 430-452.
- Chhajed, D., Kim, K., "Strict-Product-Ordering Approach in the Vertical Product Line Design Problem", IIE Transactions, Vol. 37, April, 2005, pp. 319-332.
- Yalabik, B., Petruzzi, N., Chhajed, D., "An Integrated Product Returns Model With Logistics and Marketing Coordination", European Journal of Operational Research, Vol. 161, No. 1, 2005, pp. 162-182.
- Chhajed, D., Kim, K., "The Role of Inclination and Part Worth Differences Across Segments in Designing a Price Discrimination Product Line", International Journal of Research in Marketing, Vol. 21, 2004, pp. 313-320.
- Lucas, M., Chhajed, D., "Location Problems in Agribusiness", Journal of Operational Research Society, Vol. 55, No. 6, 2004, pp. 561-578.
- Chiang, W., Chhajed, D., Hess, J., "Direct Marketing, Indirect Profits: A Strategic Analysis of Dual-Channel Supply Chain Design", Management Science, Vol. 49, No. 1, January, 2003, pp. 1-20.
- Kim, K., Chhajed, D., "Product Design with Multiple Quality-Type Attributes", Management Science, Vol. 48, 2002, pp. 1502-1511.
- Kim, K., Chhajed, D., Palekar, U., "A Comparative Study of the Performance of Push and Pull Systems in the Presence of Emergency Orders", International Journal of Production Research, Vol. 40, No. 7, 2002, pp. 1627-1646.
- Kim, K., Chhajed, D., "An Experimental Investigation of Valuation Change Due to Commonality in Vertical Product Line Extension", Journal of Product Innovation Management, Vol. 18, No. 4, 2001, pp. 219-230.
- Chhajed, D., Lowe, T., "Tooling Choices and Product Performance", IIE Transactions, Vol. 32, No. 1, 2000, pp. 49-58.
- Kim, K., Chhajed, D., "Commonality in Product Design: Cost Saving and Cannibalization", European Journal of Operational Research, Vol. 125, 2000, pp. 605-621.

Chhaged, D., Lowe, T., "Solving a Selected Class of Location Problems by Exploiting Problem Structure: A Decomposition Approach", Naval Research Logistics, Vol. 45, No. 8, 1998, pp. 791-815.

Hsu, N., Chhaged, D., Lowe, T., "Tool Design Problems in a Punch Press Flexible Manufacturing Systems", IIE Transactions, Vol. 30, No. 4, 1998, pp. 331-340.

Chhaged, D., "Edge Coloring a K-Tree into Two Smaller Trees", Networks, Vol. 29, 1997, pp. 191-194.

Chhaged, D., Palekar, U., "Dominant Graphs for Rectilinear Network Design in the Presence of Barriers", IIE Transactions, Vol. 28, No. 4, 1997, pp. 255-263.

Blocher, J., Chhaged, D., "The Customer Order Lead Time Problem on Parallel Machines", Naval Research Logistics, Vol. 43, 1996, pp. 629-654.

Shaw, M, Sikora, R., Chhaged, D., "Integrating the Lot-Sizing and Sequencing Decisions for Lead-Time Reduction in a Printed Circuit Boards Manufacturing Environment", Computers and Industrial Engineering, Vol. 30, No. 4, 1996, pp. 659-671.

Sikora, R., Chhaged, D., Shaw, M, "Integrating a Lot-Sizing and Sequencing Decision for Lead-Time Reduction in Printed Circuit Boards Manufacturing Environment", Computers and Industrial Engineering, Vol. 30, No. 4, 1996, pp. 659-679.

Chhaged, D., "A Fixed Interval Due-Date Scheduling Problem with Earliness and Due-Date Costs", European Journal of Operational Research, Vol. 84, No. 2, 1995, pp. 533-549.

Chhaged, D., Chandru, V., "Rectilinear Hull-Efficient Sets- Convex Hull: Relationship and Algorithms", ORSA Journal on Computing, Vol. 7, No. 1, 1995, pp. 78-83.

Raman, N., Chhaged, D., "Simultaneous Determination of Product Attributes and Prices, and Production Processes in Product-Line Design", Journal of Operations Management, Vol. 12, No. 3-4, 1995, pp. 187-204.

Chand, S., Chhaged, D., Traub, R., "Single Machine Scheduling with Fixed Delivery Dates", Production and Operations Management, Vol. 3, No. 4, 1994, pp. 296-307.

Chhaged, D., Lowe, T., "Solving Structured Multifacility Location Problems Efficiently", Transportation Science Journal, Vol. 28, No. 1, 1994, pp. 104-115.

Chhaged, D., Francis, R., Lowe, T., "Contributions of Operations Research to Location Theory", Location Science, Vol. 1, No. 4, 1993, pp. 263-287.

Chand, S., Chhaged, D., "A Single Machine Model for Determination of Optimal Due Dates and Sequence", Operations Research, Vol. 40, No. 3, 1992, pp. 596-602.

Chhaged, D., Lowe, T., "An  $O(np)$  Algorithm for a Special Case of the Multimedial Location Problem on a Tree", European Journal of Operational Research, Vol. 63, No. 2, 1992, pp. 222-230.

Chhaged, D., Lowe, T., "Locating Facilities which Interact: Some Solvable Cases", Annals of Operations Research, Vol. 40, 1992, pp. 101-124.

Chhaged, D., Lowe, T., "M-Median and M-Center Problems with Mutual Communication: Solvable Special Cases", Operations Research, Vol. 40, No. 1, 1992, pp. S56-S66.

Chhaged, D., Montreuil, B., Lowe, T., "Flow Network Design for Manufacturing Systems Layout", European Journal of Operational Research, Vol. 57, No. 2, 1992, pp. 145-161.

Chhajed, D., "A Note on Minimizing the Maximum Deviation of Job Completion Time About a Common Due Date", Applied Mathematics Letters, Vol. 1, 1988, pp. 161-163.

#### Articles in Non-Refereed Journals

Chhajed, D., "Modern Supply Management Makes Market Entry Difficult?", Purchasing Magazine, Vol. 121, No. 4, September, 1997, pp. 24-30.

Chhajed, D., Viswanathan, M., "The Importance of Leadtime: A Study of Steel Products", Purchasing Magazine, August, 1997.

Chhajed, D., Kim, K., "How Important are Leadtimes?", Purchasing Magazine, Vol. 119, October, 1995, pp. 5.

#### Proceedings

Gu, W., Chhajed, D., Petruzzi, N., "Is Remanufacturing Environmentally Friendly?", Decision Science Institute Annual Meeting, 2011. (Received DSI 2011 Annual Meeting Best Environmental Paper Award.)

Li, K., Chhajed, D., Mallik, S., "Quality Signaling through Warranty and Brand Reputation", IEEE International Conference on Service Operations and Logistics and Informatics, July, 2010, pp. 7-11.

Kim, K., Chhajed, D., "Experimental Investigation of Valuation Change Due to Commonality in Product Design", DSI Conference, 2000, pp. 1180-1181.

Chhajed, D., Xu, N., Lowe, T., "Tool Design Problems in a Punch Press Flexible Manufacturing Systems", ORSA Technical Section on Manufacturing Management, 1994, pp. 25-30.

Chhajed, D., Lowe, T., "A Generic Multifacility Location Problem: Examples and Solution Procedure", International Symposium on Location Decision, 1993, pp. 55-60.

Chhajed, D., Raman, N., "Integrated Product and Process Design", International Conference on Optimization Techniques and Applications, World Scientific Publishing Co., 1992, pp. 1172-1180.

#### Working Papers

Shi, T., Chhajed, D., Petruzzi, N., "The Effects of Patent Extension and Pharmaceutical Take-Back Programs on Green Pharmacy", 2020 (under revision)

Mukherjee, U, Ye, H, Chhajed, D., Hirsbrunner, J., Roloff, C., "A Framework for Preventive Intervention and Resource Optimization for Population Level Diabetes Care", 2020 (under revision)

Mukherjee, U, Ye, H, Chhajed, D., Hirsbrunner, J., Roloff, C., "Socio-Economic and Operational Determinants of Inequity in Healthcare Outcome: From Explanatory to Predictive Modeling", 2019 (under review)

Zhao, T., Mukherjee, U., Ye, H, Chhajed, D., "Effect of Mass Gathering on Hospital Admissions," 2019 (under review)

Mehta, R, Xu, L., Zhu, R., Chhajed, D., "Role of Political Affiliation in Environmental Friendly Consumption" (under preparation)

## Editorial Boards

Department Editor, Decision Sciences, 2020-

Associate Editor, Decision Sciences, 2010-2020

Co-Editor, e-Locator, 2000-2006

Associate Editor, INFOR, 1997-2006

Editorial Review Board, International Journal of Operations and Quantitative Management, 1994-2006

Editorial Review Board, Manufacturing and Service Operations Management, 1996-2005

Board Member, IIE Transactions, 1999-2002

## RESEARCH GRANTS

Kathy Baylis, Dilip Chhajed (Co-Principal Investigator), Mindy Mallory, Udatta Palekar, Supply Chain Policy and Strategy Analysis for Prevention of Postharvest Loss, ADM Institute, Grant Total Amount is 238,000 (USD), 2012-2013

Dilip Chhajed (Principal Investigator), Scholars Travel Fund, University of Illinois., 2011, 2012

Dilip Chhajed, Nicholas Petruzzi (Co-Principal Investigator), Is Remanufacturing Environmentally Friendly?, Campus Research Board, Grant Total Amount is 13,370 (USD), 2011

Wenjun Gu, Dilip Chhajed, Product Design under Quadratic Utility Function, College of Business, UIUC, 2007

Dilip Chhajed, UIUC Campus Research Board, Grant Total Amount is 76310 (USD), 1990-1992, 1994-1996, 2002

Dilip Chhajed, Nicholas Petruzzi (Co-Principal Investigator), Remanufacturing Economics: The Integration of Product, Process, and Sales-Contract Design, College of Business, Office of Research, UIUC, Grant Total Amount is 1,300 (USD), 2001

Dilip Chhajed, Nicholas Petruzzi (Co-Principal Investigator), An Investigation of the Impact of e-Commerce on the Design and Management of the Supply Chain, College of Business, Office of Research, UIUC, Grant Total Amount is 1,300 (USD), 2000

Dilip Chhajed, Center for Machine Tools Systems Research, Grant Total Amount is 36078 (USD), 1997-1998

Dilip Chhajed, Office of Research, College of Business, UIUC, Grant Total Amount is 2125 (USD), 1995

Dilip Chhajed, Manufacturing Research Center Grant, Grant Total Amount is 62904 (USD), 1993-1995

Dilip Chhajed, College Research Support, College of Business, UIUC, Grant Total Amount is 8500 (USD), 1993, 1995

## CONFERENCE PAPERS PRESENTED

## Outside UIUC

Ye, H, U. Mukherjee, Chhajed, D., "A Predictive Analytics Based Decision Framework for Personalizing Patient Encounters for Diabetes Care," ISDSI Conference, Mumbai, India, 2018

Ye, H, U. Mukherjee, Chhajed, D., "A Framework for Prediction and Resource Allocation for Diabetes Care," DSI Annual Meeting, Chicago, 2018

Iyer, A., Dalal, J., Palsule-Desai, Chhajed, D., "Modeling the Management of People Flow for Large Gatherings," POMS Conference, Houston, 2018

Shi, T., Chhajed, D., Liu, Y, Wan, Z., "Divisional Conflict and Distribution Channel Choice in Remanufacturing Operation", POMS Annual Meeting, Seattle, Washington, United States of America, May 2017

Chhajed, D., Petruzzi, N., Shi, T., "Patent Extension and Green Drug Manufacturing ", ICMAPRANE , Delhi, India, February 2017

Chhajed, D., Shi, T., Petruzzi, N., ""The Inter-Divisional Coordination of Manufacturing and Remanufacturing Operations in a Closed-Loop Supply Chain"", European Decision Science Institute, Taormina, Italy, 2015

Chhajed, D., Li, K., "Consumer Preference Mismatch and Channel Choice Decisions under Competition", INFORMS Annual Meeting, Philadelphia, Pennsylvania, 2015

Chhajed, D., Shi, T., Petruzzi, N., "The Effects of Patent Extension and Pharmaceutical Stewardship Program on Green Pharmacy", INFORMS Annual Meeting, Philadelphia, Pennsylvania, 2015

Shi, T., Gu, W., Chhajed, D., Petruzzi, N., "Effects of Remanufacturable Product Design on Market Segmentation and the Environment", Production and Operations Management Meeting, Atlanta, Georgia, 2014

Chhajed, D., Shi, T., Wan, Z., "The Inter-Divisional Coordination of Manufacturing and Remanufacturing Operations in a Closed Loops Supply Chain", INFORMS Annual Meeting, San Francisco, 2014

Chhajed, D., Shi, T., Petruzzi, N., "Effect of Remanufacturing on Market Segments and Environment", 7th ISDSI International Conference, New Delhi, December 2013

Mallik, S., Chhajed, D., Li, K., "System Component Bundling: Integrated and Non-integrated Models", Production and Operations Management Meeting, Denver, May 2013

Shi, T., Chhajed, D., Wan, Z., "Closed-loop Supply Chain Models in Manufacturing-Remanufacturing Operations", INFORMS Annual Meeting, Minneapolis, 2013

Li, K., Chhajed, D., Mallik, S., "Competitive Product Design in Computer Based Industries", INFORMS Conference, Minneapolis, 2013

Gu, W., Chhajed, D., Petruzzi, N., "Product Quality Design in Reverse Supply Chain", INFORMS Annual Meeting, Phoenix, October 2012

Li, K., Chhajed, D., Mallik, S., "The Interaction of Quality, Warranty, and Brand Reputation", Production and Operations Management Meeting, Chicago, April 2012

Chhajed, D., "Remanufacturing, Production, and Consumption", International Conference on Creating a Sustainable Business: Managerial Implications and Challenges, Jaipur, 2012

Chhajed, D., "Technology Management at Illinois", Management of Technology Education: Building an



Architecture, Seoul, Korea, North, April 2011

Gu, W., Chhajed, D., Petruzzi, N., "Environmental Effect of Remanufacturing", Decision Science Institute Annual Meeting, Boston, 2011

Chhajed, D., "Active Learning", DSI Doctoral Student Consortium, San Diego, 2010

Chhajed, D., Kim, K., "Commonality in Product Line Design under Negatively Correlated Preference Structure", INFORMS Annual Meeting, San Diego, 2009

Chhajed, D., "Better Process Management", Jaipuria Institute of Management, Jaipur, 2008

Chhajed, D., "Commonality in Product Line Design under Horizontal Preference Structure", University of Iowa, Iowa City, 2008

Chhajed, D., "System Components Bundling", INFORMS Annual Meeting, Washington, D.C., 2008

Chhajed, D., "On the Appropriateness of Attribute-Level Ordering Approach in Vertical Product Line Design", Decision Science Institute Annual Meeting, San Diego, California, United States of America, November 2002

Chhajed, D., "Optimal Temporal Product Introduction Strategies Under Valuation Changes and Learning", INFORMS Conference, San Jose, California, United States of America, November 2002

Chhajed, D., "Remanufacturing Economics: Product, Process, and Contract Design", INFORMS Conference, San Jose, California, United States of America, November 2002

Chhajed, D., "An Integrated Product Return Model", INFORMS National Meetings, Miami, Florida, United States of America, November 2001

Chhajed, D., "Experimental Investigation of Valuation Change Due to Commonality in Product Design", DSI Conference, Orlando, Florida, United States of America, November 2000

Chhajed, D., "Price Setting in Direct and Retail to Customer Supply Channels", INFORMS Conference, Salt Lake City, Utah, United States of America, May 2000

Chhajed, D., "Minimizing Customer Order Leadtime in a 2-Stage Assembly Flowshop", INFORMS Conference, Cincinnati, Ohio, United States of America, May 1999

Chhajed, D., "Product Design with Commonality", Mid-West Roundtable on Manufacturing and Logistics, West Lafayette, Indiana, United States of America, October 1998

Chhajed, D., "Product Design with Multiple Attributes", INFORMS Conference, Montreal, Canada, April 1998

Chhajed, D., "Transportation Logistics", University of Iowa, Iowa City, Iowa, United States of America, April 1998

Chhajed, D., "Edge Partitioning a K-Tree into Two Smaller Trees", INFORMS Conference, San Diego, California, United States of America, May 1997

Chhajed, D., "Modular Product Design", Convention of the Operations Research Society of India, Mumbai, India, December 1996

Chhajed, D., "Tool Choices and Product Design: Specially Structured Integer Programming Problems",

INFORMS National Meetings, Washington, District of Columbia, United States of America, May 1996

Chhaged, D., "Why Should You Reduce Your Leadtime", INFORMS National Meetings, Washington, District of Columbia, United States of America, May 1996

Chhaged, D., "Customer Order Scheduling Problem on Dedicated Machines", Production and Operations Management Meeting, Indianapolis, Illinois, United States of America, April 1996

Chhaged, D., "Six Blind People and the Elephant: After the Surgery", Production and Operations Management Meeting, Indianapolis, Indiana, United States of America, April 1996

Chhaged, D., "Justifying Investment in Manufacturing Technologies", Mid-West Roundtable on Manufacturing and Logistics, Iowa City, Iowa, United States of America, December 1995

Chhaged, D., "A Decomposition Approach to Solve Location Problems", INFORMS National Meetings, Los Angeles, California, United States of America, April 1995

Chhaged, D., "Scheduling Jobs with Multiple Jobs Customer Orders", Convention of the Operations Research Society of India, Calcutta, India, December 1994

Chhaged, D., Chand, S., Traub, R., "A Single-Machine Scheduling Model with Fixed Interval Deliveries", ORSA/TIMS, Detroit, Michigan, United States of America, October 1994

Chhaged, D., "Scheduling and Other Research: Past and Future", Northwestern University, Evanston, Illinois, United States of America, October 1994

Chhaged, D., "Scheduling Customer Orders on Parallel Machines", Purdue University, West Lafayette, Indiana, United States of America, July 1994

Chhaged, D., Xu, N., Lowe, T., "Tool Design Problems in a Punch Press Flexible Manufacturing Systems", ORSA/TIMS, Boston, Massachusetts, United States of America, April 1994

Chhaged, D., Raman, N., "Integrated Product Line Design and Process Selection", ORSA/TIMS, Phoenix, Arizona, United States of America, November 1993

Chhaged, D., Blocher, D., "Customer Order Lead Time Problem", Production and Operations Management Meeting, Washington, District of Columbia, United States of America, October 1993

Chhaged, D., Blocher, D., "Scheduling Customer Orders Problem", ORSA/TIMS, Chicago, Illinois, United States of America, May 1993

Chhaged, D., "Multifacility Location Problem", Northwestern University, Evanston, Illinois, United States of America, 1993

Chhaged, D., "Location Problems in Agribusiness", Regional Science Association Meeting, Chicago, Illinois, United States of America, November 1992

Chhaged, D., "Solving the Multifacility Location Problem by a Decomposition Approach", ORSA/TIMS, San Francisco, California, United States of America, November 1992

Chhaged, D., "Node Selection Problem: Applications and Solution Procedure", Indiana University, Bloomington, Indiana, United States of America, 1991

Chhaged, D., Lowe, T., "Node Selection Problem: Application and Solvable Cases", ORSA/TIMS, Philadelphia, Pennsylvania, United States of America, October 1990

Chhaged, D., "M-median and M-center Problems with Mutual Communication: Solvable Cases", International Symposium on Location Decisions, Fullerton, California, United States of America, June 1990

Chhaged, D., Lowe, T., "Relaxed Quadratic Assignment Problem on a Series-Parallel Graph", ORSA/TIMS, Las Vegas, Nevada, United States of America, May 1990

Chhaged, D., "A Single Machine Model for Determination of Optimal Due Dates and Sequence", ORSA/TIMS, New York, New York, United States of America, October 1989

Chhaged, D., Lowe, T., Montreuil, B., "Integrated Optimization Models for Layout and Flow Network Design", CORS/TIMS/ORSA, Vancouver, Canada, May 1989

Chhaged, D., Lowe, T., Montreuil, B., "Material Flow Network Design", ORSA/TIMS, Denver, Colorado, United States of America, October 1988

#### At UIUC

Chhaged, D., "Price Change and Price Dispersion in Crop Markets in India", Illinois Conference on Business Analytics, Champaign, Illinois, 2012

Shi, T., Chhaged, D., "Price Change and Price Dispersion in Crop Markets in India", Illinois Conference on Business Analytics, Champaign, Illinois, 2012

Chhaged, D., "Operations Management and Caterpillar", University of Illinois, Urbana-Champaign, Illinois, United States of America, November 1997

Chhaged, D., "Research in Operations Management", Illinois Manufacturing Extension Center, Urbana-Champaign, Illinois, United States of America, October 1997

Chhaged, D., "Problems in Product Design", University of Illinois, Urbana-Champaign, Illinois, United States of America, October 1996

Chhaged, D., "Minimizing Leadtime with Multiple-Job Customer Orders", University of Illinois, Urbana-Champaign, Illinois, United States of America, December 1994

Chhaged, D., "Solving Structured Multifacility Location Problems Efficiently", Regional Science Program Seminar, Urbana-Champaign, Illinois, United States of America, March 1993

Chhaged, D., "Node Selection Problem: Applications and Solution Procedure", University of Illinois, Urbana-Champaign, Illinois, United States of America, October 1991

#### DISCUSSANT, PANELIST, CHAIR, CO-CHAIR, ORGANIZER, MODERATOR (CONFERENCE or SESSION)

##### Conference, Panel and Session Chair/Co-Chair Service

Panel Discussion, Publishing in High Quality Journals, ISDSI Conference, Mumbai, India, 2018

Panel Discussion, Mid-Career Faculty Development, DSI Annual Conference, Chicago, 2018

Chair, Track on Product and Process Design, POMS Conference, Chicago, Illinois, United States of America,

2005-2006

Chair, Application of Integer Programming Models, INFORMS, San Diego, California, United States of America, 1997

Chair, 3rd Mid-West Round Table on Manufacturing and Logistics, Champaign, Illinois, United States of America, 1996

Chair, Teaching Supply Chain Management, TIMS/ORSA, Los Angeles, California, United States of America, 1995

Chair, Applications of Location Analysis, TIMS/ORSA, Boston, Massachusetts, United States of America, 1994

Chair, Location Analysis: Applications, ORSA/TIMS, San Francisco, California, United States of America, 1992

Chair, Integrated Models in Operations Management, TIMS/ORSA, Nashville, Tennessee, United States of America, 1991

Chair, Network Location, ORSA/TIMS, Philadelphia, Pennsylvania, United States of America, 1990

#### OTHER PROFESSIONAL SERVICE

Strategic Planning For International Affairs, DSI, 2013

Executive Vice-President, College on Location Analysis, The Institute of Management Science, 1993-1997

#### INSTRUCTIONAL INNOVATIONS AND DEVELOPMENT

##### New Instructional Development

Business Practice Immersion, MS in Technology Management, 2016

Project Management, MS in Technology Management, 2008

Location and Distribution, Ph.D Seminar, Location and Distribution, 1997

Operations Management, Executive MBA, Operations Management, 1997

Manufacturing and Service Operations, MBA Core Theme - Manufacturing and Service Operations, 1995

Location and Distribution, Ph.D Seminar, Location and Distribution, 1992

Supply Chain Management, MBA elective, Supply Chain Management, 1991

##### Courses Taught

Process Management – Undergraduate (online), MS, MBA , EMBA and Bio-engineering programs

Project Management – MS

Business Practice Immersion – MS

Supply Chain Management – MBA

Process Improvement Project - MBA

### Instructional Development-Related Presentations

Faculty Retreat on Active Learning, Champaign, Illinois, United States of America, 1995-1997

Video Conference 'Creating Learning Organizations: Growth through Quality', Champaign, Illinois, United States of America, 1993

Workshop on Experiential Learning Modules for Design and Manufacturing, Ithaca, New York, United States of America, 1993

Workshop on Teaching Manufacturing Strategy, Columbus, Ohio, United States of America, 1993

Video Conference 'The New Economics', Champaign, Illinois, United States of America, 1992

### PROFESSIONAL ENGAGEMENT

#### Executive and Other Education

Illinois Summer Certificate Program, "Process Excellence," 2011-2013

Doctoral Students in Department of Business Administration, "Developing a Teaching Statement," 2011, 2013

LEAD Summer Business Institute, 2006, 2007, 2009-2013

Jaipuria Institute of Management, "Operations Management Research and Teaching," Faculty Development Workshop for OM/MS area faculty, Lucknow, India, 2012

Vidyalankar Institute of Technology, "Excellence in Teaching: Beyond the Basics," Faculty Development Workshop, Mumbai, India, 2012

China Executive Development, "Process Excellence in Banking," 2011

Vidyalankar Institute of Technology, "Foundations of Teaching Excellence," Faculty Development Workshop, Mumbai, India, 2010

ADM Executive Development Program, "Operations Excellence," Decatur, 2004-2008

Ujjain Charitable Hospital, "Can Hospitals Learn from Toyota Production System," Ujjain, India, 2007

#### DOCTORAL DISSERTATION COMMITTEES AT UIUC

<b>Name</b>	<b>Department</b>	<b>Year(s)</b>	<b>Role</b>
Tiancheng Wu	Business Administration	2017-	Dissertation Committee
Tianqin Shi	Business Administration	2011-2015	Co-Chair
Hongyan Shi	Business Administration	2010-2012	Dissertation Committee -
Wenjun Gu	Business Administration	2009-2012	Co-Chair
Bin Shao	Business Administration	2005-2008	Chair
Kunpeng Li	Business Administration	2002-2008	Co-Chair
Qin Geng	Business Administration	2005-2007	Dissertation Committee
Baris Yalabik	Business Administration	2001-2006	Co-Chair
Chongqi Wu	Business Administration	2000-2005	Chair
Kevin Chiang	Business Administration	1999-2002	Co-Chair
Chialin Chen	Business Administration	1999-2001	Dissertation Committee
Shabbir Ahmed	Industrial Engineering	1999	Dissertation Committee
In Lee	Business Administration	1996-1997	Chair
Kilsun Kim	Business Administration	1995-1997	Chair
Marilyn Lucas	Business Administration	1994-1996	Dissertation Committee
Sanjeev Sinha	Business Administration	1994-1995	Dissertation Committee
Selwyn Piramuthu	Business Administration	1990	Dissertation Committee

#### DOCTORAL DISSERTATION COMMITTEES OUTSIDE UIUC

External Reviewer, Deepanshu Arora, Malaviya National Institute of Technology, Jaipur, 2018

External Reviewer, Lokesh Vijayvargy, , Malaviya National Institute of Technology, Jaipur, 2014

External Reviewer, Arvind Chopra, NIT Kurukshetra, India, 2012-2013

Reading Member, Minjung Kwak, ISE, 2010-2012

## ACADEMIC SERVICE

### UIUC Committees by Department

Member, Graduate Studies Committee (Ph.D.), Business Administration, 2017-2018

Chair, Graduate Studies Masters Committee (M.S.), Business Administration, 2013-2018

Member, Department Advisory Committee, 1999-2001, 2003-2004, 2008-2009, 2012-2013

Member, Undergraduate Major Implementation Committee, Business Administration, 2006-2010

Member, Undergraduate Studies Committee, 1998, 2001

Member, MSBA Advisory Committee, 1997-1998

Member, MSBA Admissions Committee, 1996-1997

### Ad Hoc UIUC Committees by Department

Chair, Faculty Recruiting Committee, 2018-present

Chair, Specialized Faculty Recruiting Committee, 2017-2018, 2018-

Co-Chair, Operations Management Faculty Recruiting Committee, 2015-2017

Chair, MS 3.0, A New Master of Science Program in Management Design Committee, Business Administration, 2015-2016

Chair, MS/PM Visiting Faculty Recruitment Committee, Business Administration, 2006-2007, 2010, 2012, 2013, 2015, 2016

Member, Joint-Program Initiative in Strategic Brand Communication, Business Administration, 2013-2014

Member, SCM Faculty Search, Business Administration, 2011-2012

Chair, MSTM 2.0 Strategic Planning Committee, 2010

Member, Department Head Search Committee, 1998-1999, 2000, 2003, 2009

Chair, MS/PM Faculty Recruiting Committee, Business Administration, 1994-1996, 2000-2001, 2004-2008

Member, Technology-Entrepreneurship Faculty Recruiting Committee, Business Administration, 2004-2006

Chair, MS in Technology Management Curriculum Revision Committee, Business Administration, 2004-2005

Member, Search Committee, University of Illinois - Stellnar Professorship, 2002-2003

Member, Ad hoc Grades Appeal Committee for MBA Program, 1996-1997

### Academic Service by Department

Institutional Service, Graduate Operations Management Association (Faculty Advisor), 1994-2002

Institutional Service, Operations Management Ph.D. Students Coordinator, 1994-2002

Institutional Service, DIS Seminar Series (Organized), 1990-1994

#### UIUC Committees by College

Member, Search Committee, Assistant Dean of Business Graduate Programs, 2016

Member, Search Committee, Director of online MS SBC Program, 2016

Member, College Executive Committee, 2006-2007, 2009-2010

Member, EMBA Advisory Committee, 1999-2002

Member, MBA Faculty Policy Advisory Committee, 1998-2002

Member, EMBA Admissions Committee, 1999-2000

Member, Search Committee, Associate Dean, MBA Program, 1999-2000

Member, Placement Committee, 1998-1999

Member, Executive MBA Distance Learning Committee, 1997

Member, Applied Business Perspective Seminar Committee, 1996

Member, Search Committee, Resource and Policy Analyst, EDC, 1996

Member, MBA Curriculum Committee, 1995

#### Ad Hoc UIUC Committees by College

Co-Chair, New Joint-Program in Analytics Initiative, To develop a new joint-program with Engineering, 2011-2013

Member, Search Committee, eLearning Specialist, 2011

#### Academic Service by College

Institutional Service, Mini-ABP (Coordinator), 1996-2003

Institutional Service, Operations Management Track Coordinator, 1995-1997

Institutional Service, Applied Business Perspectives (Coordinator), 1995

#### UIUC Committees by University

Member, Campus Budget Oversight Committee, 2018-

Chair, Senate Committee on Budget, 2018-present

Member, Council for Learning Outcomes Assessment, Office of Provost, 2018-



Member, Member, Instructional Designer Recruiting Committee, 2018-2019

Member, Senate Committee on Budget, 2015-2018

Member, Steering Committee, Business Process Advisory Group, 2012-present

Member, Purchasing, Recycling and Waste Management SWATeam, 2014-2017

Member, Graduate College Committee on Extended Education and External Degrees, 2013-2016

Member, Graduate College Dean Search, 2015

Member, Graduate College Executive Committee, 2013-2015

Member, Parking System Review Committee, 2008-2009

Member, Graduate College Dean Search, 2007-2008

Member, Head Search Committee, Industrial and Enterprise Systems Engineering, 2006-2007

Member, Faculty Advisory Committee, Technology and Management Program, 2003-2004

Member, Partnership Illinois Sector Committee on Manufacturing and Service, 1996-1997

#### COMMUNITY SERVICE

Member, Governor's Technology Advisory Board, Customer Centricity Subcommittee, Illinois, 2016-2017

Volunteer, Money Mentor Program, UIUC Extension

Volunteer, Money Management Program, CRIS Healthy Aging Center