DR. JAYPRAKASH G. PATANKAR

Department of Management
College of Business Administration
The University of Akron
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FORMAL EDUCATION

1978: CLEMSON UNIVERSITY, Clemson, S. C. 29631
Degree: Ph. D. (Management Science)
Dissertation: Estimation of Reserves and Cash Flows Associated with Different Warranty Policies.

1974: CLEMSON UNIVERSITY, Clemson, S. C. 29631
Degree: Master of Science (Textile Science)
Thesis: A Study of the Effects of Textile Processing on Tensile Properties of Polyester Yarn.

1971: THE UNIVERSITY OF BOMBAY, Bombay, INDIA
Degree: Bachelor of Textile Technology.

EMPLOYMENT HISTORY

2000-2001 Interim Department Chair, Department of Management

1989 Professor of Management, The University of Akron.

1983 Associate Professor of Management, The University of Akron.

1978 Assistant Professor of Management, The University of Akron.

TEACHING EXPERIENCE

Courses Taught at the University of Akron since 1978.

1. Quantitative Methods in Operations Management. (Graduate course)
2. Advanced Operations Research. (Graduate course)
3. Quantitative Business Analysis I. (undergraduate course)
4. Quantitative Business Analysis II. (Undergraduate course)
5. Production and Operations Management. (Undergraduate course)
6. Principles of Operations Management (Undergraduate course)
7. Management of Operations (Graduate course 2007 Spring)

REFEREED ARTICLES

"Warranty Costs for Repairable Products with a Two-Attribute Policy: Impact of Warranty Execution", Amitava Mitra and Jayprakash G. Patankar, **International Journal of Operational Research,** Vol 1, No. 4 (2006), pp 363-381.

"A Two Dimensional Minimal-Repair Warranty Policy" Amitava Mitra and Jayprakash G. Patankar, **Applications of Management Science: In Productivity, Finance and Operations, Applications of Management Science**, Vol. 12 (2006) pp 235-251.

"A Multi-Objective Model for a Renewable Warranty Policy", Amitava Mitra and Jayprakash G. Patankar, **Mathematical Programming, Applications of Management Science,** Vol. 11, (2004) pp17-36.

"Warranty Reserves for Non-stationary Sales Process", Hau-Shiang Ja, Vidyadhar G. Kulkarni,Amitava Mitra and Jayprakash G. Patankar, ***Naval Research Logistics,*** Vol. 49, (2002), pp 499-513.

" A Non-renewable Minimal-repair Warranty Policy with Time-Dependent Costs", Shau-Shiang Ja, Vidyadhar G. Dr. Kulkarni, Amitava Mitra and Jayprakash G. Patankar, ***IEEE Transactions on Reliability,*** Vol. 50, No. 4 , December 2001, pp 346-352.

"A Two Dimensional Warranty Policy-Effects of Warranty Execution", Amitava Mitra, and Jayprakash Patankar, ***Advances in Mathematical Programming and Financial Planning,(2001)*** *, Vol 6, pp 183-197.*

"A Multicriteria Model for a Two-Dimensional Warranty Policy", Amitava Mitra, and Jayprakash Patankar, ***Advances in Mathematical Programming and Financial Planning,(2000)*** *Multi-Criteria Applications, Vol 10, pp 139-163.*

"A Multicrterion Model for a Renewable Warranty Program", Jayprakash G. Patankar

and Amitava Mitra, ***The Journal of Engineering Valuation and Cost Analysis,*** Vol.2, (1999), pp 171-185

"Accounting Models in Product Warranty: Development and Sensitivity Analysis", Jayprakash G. Patankar, Il-woon Kim, and Amitava Mitra, ***Advances in Mathematical Programming and Financial Planning,*** Vol. 5 (1999), pp 61-80.

"Market Share and Warranty Costs for Renewable Warranty Programs" Amitava Mitra and Jayprakash G. Patankar, ***International Journal of Production Economics (IJPE) ,*** Vol 50, (1997), pp 155-168.

"Effects of Warranty Execution on Warranty Reserve Costs " Jayprakash G. Patankar and Amitava Mitra, ***Management Science,*** Vol.41, No.3, March 1995, pp 395-400.

"Warranty Costs for Renewable Warranty Programs under Partial Redemption" Amitava Mitra and Jayprakash G. Patankar, ***Advances in Mathematical Programming and Financial Planning,*** Vol. 4, 1995, pp 119-137.

"An Integrated Multicriteria Model for Warranty Cost Estimation and Production", Amitava Mitra and Jayprakash G. Patankar, ***IEEE Transactions on Engineering Management*** , Vol 40, No 3, August 1993, pp 1-12.

"Determination of Time Period for Full Refund in a Warranty", Amitava Mitra and Jayprakash G. Patankar, ***Journal of Cost Analysis***, Vol. 9, Spring 1991, pp 91-102.

"Shifting Income Can Avoid Personal Holding Company Status", Charles K. Moore, Jr., John T. Welch, Jr., and Jayprakash G. Patankar, ***Journal of Taxation of Investments***, Vol. 8, No. 3, Spring 1991, pp 227-240.

"Determination of Warranty Rebate Plan: A Multi-criteria Approach", Amitava Mitra and Jayprakash G. Patankar, ***Advances in Mathematical Programming and Financial Planning***, Vol 3, 1991, pp 181-192.

"A Multiobjective Model for Warranty Estimation", Amitava Mitra and Jayprakash G. Patankar, **European Journal of Operations Research**, Vol. 45, 1990, pp 347-355.

"How Long Should a Producer Offer Full Refund?", Jayprakash G. Patankar and Amitava Mitra, ***Socio-Economic Planning Sciences***, Vol. 24, No. 1, 1990, pp 49-56.

"A Multi-Objective Model for Warranty Cost Estimation Using Multiple Products", Jayprakash G. Patankar and Amitava Mitra, ***Computers and Operations Research,*** An International Journal, Vol. 16, No. 4, 1989, pp 341-351.

"Transfer or Redemption for a Withdrawing Partner: An Indifference Econometric

Decision Model Built on the Position Improvement Equilibrium ("PIE") Concept", Jayprakash G. Patankar, Charles K. Moore, Jr., and James W. Childs, ***Akron Tax Journal,*** Vol. 6, 1989, pp 21-44.

"A Warranty Cost Estimation and Production Problem Using Multiple Objectives", Jayprakash G. Patankar and Amitava Mitra, ***Journal of Cost Analysis***, Vol. 8, Fall 1989, pp 55-70.

"Warranty Cost Estimation: A Goal Programming Approach", Amitava Mitra and Jayprakash G. Patankar, ***Decision Sciences,*** Vol.19, No. 2, Spring 1988, pp 409-423.

"Sections 736 and 741 for Withdrawal of a Partner: Standard doctrine and Proposal", Charles K. Moore, Jr., and Jayprakash G. Patankar, ***Tax Adviser***, April, 1988, pp 307-313

"Prediction Intervals for Warranty Reserves and Cash Flows", ***Management Science,*** Jayprakash G. Patankar and George H. WormVol. 27, No. 2, February 1981, pp 237-241

PAPERS PUBLISHED IN PROCEEDINGS

" Multiobjective Model for a Renewable Warranty Policy", coauthored with Dr. Mitra, Proceedings, Decision Sciences Institute meeting held at San Francisco, November 17-20, 2001, pp, 746-748.

"A Multicriteria Model for a Two-Dimensional Warranty Policy", coauthored with Dr. Mitra, Proceedings, Decision Sciences Institute meeting held at Orlando, November 18-21, 2000, pp, 871-873.

Warranty Costs for Repairable Products with a Two-Attribute Policy: Impact of Warranty Execution", coauthored with Dr. Mitra, Proceedings, Decision Sciences Institute meeting held in New Orleans, November, 20-23, 1999, pp 907-909.

"A Two Dimensional Minimal-Repair Warranty Policy" with coauthor Dr. Mitra, presented at 5th International Conference of Decision Sciences Institute meeting at Athens, Greece, July 4-7, 1999.

"Non-renewable Minimal-repair Warranty Policy with Time Dependent Costs", coauthored with Dr. Mitra of Auburn University, Dr. Ja and Dr. Kulkarni of University of North Carolina, Chapel Hill, Proceedings, Decision Sciences Institute meeting held in Las Vegas on November 21-24, 1998, pp 1044-1046.

"Warranty Practices in U.S. Manufacturing Industries",coauthored with Dr. Mitra and Dr. Kim, Proceedings Decision Sciences Institute's Meeting held in San Diego, Ca November 22-25, 1997, pp 306-308.

"Warranty Issues and Industry Perspectives" coauthored with Dr. Mitra and Dr. Kim,

presented at International Conference on Operations and Quantitative Management held in Jaipur, India on January 5-8, 1997, pp 226-233.

"Product and Warranty Parameters for Renewable Warranty Programs" coauthored with Dr. Mitra, Proceedings the National Decision Sciences Institute's Meeting held in Orlando, Fl on November 24-26, 1996, pp 954-956.

"Market Share and Warranty Costs for Renewable Warranty Programs" coauthored with Dr. Mitra, Proceedings the National Decision Sciences Institute's Meeting held in Boston, MA, on November 20-22, 1995, Vol. 2, 1995, pp 924-926.

"A Multi-criteria Model for a Renewable Warranty Program", coauthored with Dr. Mitra, Proceedings the National Decision Sciences Institute's Meeting held in Honolulu, Hawaii on November 20-22, 1994, Vol. 2, pp 1245-1247.

"Estimating Warranty Cost Based on the Company's Warranty Policy", coauthored with Dr. Kim and Dr. Mitra, Proceedings of the Midwest Decision Sciences Institute's meeting held in Cleveland, Ohio, April, 24-26 1994, pp 1-3.

"A Simulation Cost Model for a Two Parameter Warranty Policy", coauthored with Dr. Klafehn, Proceedings of the Midwest Decision Sciences Institute's meeting held in Cleveland, Ohio, April, 24-26 1994, pp 234-236.

"An Integrated Multicriteria Model for Warranty Cost Estimation and Production", coauthored with Dr. Mitra , 1993 Proceedings, Decision Sciences Institute, Vol.2, pp 1072-1074.

"Cost Estimation for Renewable Warranty Programs Modeling Customer Behavior" coauthored with Dr. Mitra, Proceedings the National Decision Sciences Institute's Meeting held in San Francisco, California on November 22-24, 1992, Vol. 2 pp 1124-1126.

"Organization Behavior's Relationship With Technology Is The Most Influential Determinant of Productivity", coauthored with Dr. Shilliff, Proceedings of Midwest Decision Sciences Institute Meeting held in Kansas City, Mo., May 3-5, 1992, pp 158-160.

"Accounting Implications of Different Warranty Models", coauthored with Dr. Kim, Proceedings of Mid-Atlantic Regional Meeting of American Accounting Association held in Pittsburgh, April 2-4, 1992 pp 156-159.

"An Investigation of the Partial Redemption of Warranties", coauthored with Dr. Mitra, Proceedings the National Decision Sciences Institute's Meeting held in Miami Beach Florida on November 24-26, 1991 Vol. 2 pp 1138-1140.

"Warranty Cost Estimation with Warranty Execution Function: A Simulation Approach", coauthored with Dr. Keith Klafehn, Proceedings of 1991 Western MultiConference on Computer Simulation, Anaheim, CA, January 23-25, 1991, pp 137-141.

"Goal Programming Approach to Determine Optimal Warranty Policies", coauthored with Dr. Mitra, Proceedings of the National Decision Sciences Institute meeting, San Diego, CA, November 19-21, 1990 pp 822-824.

"Determination of Warranty Rebate Plan: A Multi-Criteria Approach", coauthored with Dr. Mitra, Proceedings, Decision Sciences Institute National Meeting, New Orleans, Nov. 20-22, 1989 p 1142-1144.

"Effect of Warranty Execution Under Linear Pro-rata and Lump-sum Rebate Plans", coauthored with Dr. Mitra, Proceedings, the S.E. Decision Science Institute, Charleston, S.C., February 22-24, 1989 pp 63-66.

"Warranty Cost Estimation Using Simulation", coauthored with Dr. Klafehn of the University of Akron, Proceedings, Winter Simulation Conference, San Diego, California, December 12-14, 1988 pp 857-859.

"Determination of Time Period for Full Refund in a Warranty", coauthored with Dr. Amitava Mitra, Proceedings, Decision Sciences Institute National Meeting, Las Vegas, Nevada, November 21-23, 1988.

"Warranty Cost Estimation and Production for Multiple Products", coauthored with Dr. Mitra, Proceedings, Decision Sciences Institute National Meeting, Boston, November 1987 pp 1055-1057.

“Transfer or Redemption for a Withdrawing Partner: A Mathematical Decision Model”, coauthored with Dr. Charles K. Moore, Proceedings, Southwest Region, Decision Sciences Institute, 18th annual conference, March 10-14, 1987, p97.

MANUSCRIPT PUBLISHED

"A Student Study Guide to Accompany Business Statistics", Allyn and Bacon, Newton, Massachusetts, 1988.

CHAPTERS IN "PRODUCT WARRANTY HANDBOOK":

Three chapters were completed for a ***PRODUCT WARRANTY HANDBOOK,*** being edited by Dr. W. R. Blischke at The University of Southern California and Dr. D. N. P. Murthy at the University of Queensland, St. Lucia, Queensland, Australia.

The chapters completed are :

1. "The Basic Pro-Rata Warranty", coauthored with Dr. Mitra of Auburn University, Product Warranty Handbook, pp 293-318, ***Marcel dekker***, 1995.

2. "Warranty and Consumer Behavior-- Warranty Execution", coauthored with Dr. Mitra of Auburn University, Product Warranty Handbook, pp 421-438, ***Marcel dekker,*** 1995.

3. "Multicriteria Models For Determining Warranty Parameters", coauthored with Dr. Mitra of Auburn University, Product Warranty Handbook, pp 819-837 ***Marcel dekker***, 1995.

PAPERS PRESENTED AT ACADEMIC CONFERENCES

"Impact of Consumer Preferences on Two Dimensional Warranty Policies", Coauthored with Dr. Mitra, presented at Decision Sciences Institute annual meeting, November 18-21, 2006, San Antonio, TX.

"Optimal Warranty for Two-Attribute Policies", Coauthored with Dr. Mitra, presented at INFORMS meeting held in San Antonio, November 5-8, 2006.

"Two Dimensional Warranty Policies for Certain User Categories"**,** Coauthored with Dr. Mitra, presented at Decision Sciences Institute annual meeting, November 19-23, 2004, Boston, MA.

" Two-dimensional Warranty Policies Under Multiple Objectives." Coauthored with Dr. Mitra, presented at Decision Sciences Institute annual meeting, November 22-25, 2003, Washington, D. C.

" Impact of Product Development on Warranty Policies", coauthored with Dr. Mitra, coauthored with Dr. Mitra, Proceedings, Decision Sciences Institute meeting held at San Diego, November 23-26, 2002.

" Multiobjective Model for a Renewable Warranty Policy", coauthored with Dr. Mitra, Proceedings, Decision Sciences Institute meeting held at San Francisco, November 17-20, 2001.

A Multicriteria Model for a Two-Dimensional Warranty Policy", coauthored with Dr. Mitra, Proceedings, Decision Sciences Institute meeting held at Orlando, November 18-21, 2000.

"Warranty Reserves for Two-Dimensional Warranty Policies", Coauthored with Drs. Ja, Mitra and Kulkarni, presented at INFORMS meeting held in San Antonio, November 5-8, 2000.

Warranty Costs for Repairable Products with a Two-Attribute Policy: Impact of Warranty

Execution", coauthored with Dr. Mitra, Proceedings, Decision Sciences Institute meeting held in New Orleans, November, 20-23, 1999.

"Warranty Reserves for Non-Stationary Sales Process" coauthored with Dr. Ja, Dr. Kulkarni and Dr. Mitra, presented at INFORMS, Fall meeting in Philadelphia, November 7-10, 1999.

"A Two Dimensional Minimal-Repair Warranty Policy" with coauthor Dr. Mitra, presented at 5th International Conference of Decision Sciences Institute meeting at Athens, Greece, July 4-7, 1999.

"Two Dimensional Warranty Policy for Repairable Products" with coauthor Dr. Mitra, presented at INFORMS Spring meeting in Cincinnati, OH, May 2-5, 1999.

"Non-renewable Minimal-repair Warranty Policy with Time Dependent Costs", coauthored with Dr. Mitra of Auburn University, Dr. Ja and Dr. Kulkarni of University of North Carolina, Chapel Hill, Decision Sciences Institute meeting held in Las Vegas on November 21-24, 1998.

"Warranty Model Using 2- Dimensional Policy" was presented by Dr. Jay G. Patankar at INFORMS Fall meeting in Seattle, Washington on October 25-28, 1998. Dr. Mitra of Auburn University was coauthor on this paper. The paper was presented in Cost & Performance Measures session.

"Warranty Practices in Service Industries" coauthored with Dr. Mitra and Dr. Kim, presented at CORS/INFORMS joint meeting held in Montreal, Canada, April 26-29, 1998.

"The Dual Product Warranty & Life Cycle Stages of Technology Intensive Products", coauthored with Dr. Gehani and Dr. Mitra, presented at CORS/INFORMS joint meeting held in Montreal, Canada, April 26-29, 1998.

"Warranty Practices in U.S. Manufacturing Industries",coauthored with Dr. Mitra and Dr. Kim, presented at Decision Sciences Institute's Meeting held in San Diego, Ca November 22-25, 1997.

"Warranty Practices Among Different Industries" coauthored with Dr. Mitra and DR. Kim, presented at INFORMS spring meeting held in San Diego on May 4-7, 1997.

"Warranty Issues and Industry Perspectives" coauthored with Dr. Mitra and Dr. Kim, presented at International Conference on Operations and Quantitative Management held in Jaipur, India on January 5-8, 1997.

"Product and Warranty Parameters for Renewable Warranty Programs" coauthored with Dr. Mitra, presented at National Decision Sciences Institute's Meeting held in Orlando, Fl on November 24-26, 1996.

"Product Warranty Practices of Manufacturing Companies in Korea" coauthored with Dr. Kim and Dr. Yook, presented at INFORMS Fall meeting held in Atlanta,

November 3-6, 1996.

"Warranty Survey" coauthored with Dr. Mitra and Dr. Kim, presented at 1996 INFORMS Spring meeting held in Washington D.C., May 5-8, 1996.

"Market Share and Warranty Costs for Renewable Warranty Programs" coauthored with Dr. Mitra, at National Decision Sciences Institute's Meeting held in Boston, MA, on November 20-22, 1995.

"Warranty Renewal Policy- Effect on Market Share", coauthored with Dr. Mitra was presented at INFORMS national meeting held in Los Angeles on April 23-26, 1995.

"A Multi-criteria Model for a Renewable Warranty Program", coauthored with Dr. Mitra, was presented at the National Decision Sciences Institute's Meeting held in Honolulu, Hawaii on November 20-22, 1994.

"Estimating Warranty Cost Based on the Company's Warranty Policy", coauthored with Dr. Kim and Dr. Mitra, Midwest Decision Sciences Institute's meeting held in Cleveland, Ohio, April, 24-26 1994.

"A Simulation Cost Model for a Two Parameter Warranty Policy", coauthored with Dr. Klafehn, Midwest Decision Sciences Institute's meeting held in Cleveland, Ohio, April, 24-26 1994.

"An Integrated Multicriteria Model for Warranty Cost Estimation and Production", coauthored with Dr. Mitra, was presented at the National Decision Sciences Institute's Meeting held in Washington D.C. on November 21-23, 1993.

"Warranty Costs Under Renewable Warranty Programs: A Simulation Model", coauthored with Drs. Mitra and Klafehn, presented at TIMS/ORSA Joint meeting held in Chicago, IL, May 16-19, 1993.

"Cost Estimation for Renewable Warranty Programs Modeling Customer Behavior", coauthored with Dr. Mitra, presented at the national meeting of Decision Sciences Institute, San Francisco, CA, November 22-24, 1992.

"Product Warranties: Bridging the Gap between Theory and Practice", served as a Panel member at ORSA/TIMS joint national meeting held in San Francisco, CA, November 1-4, 1992.

"Organization Behavior's Relationship With Technology Is The Most Influential Determinant of Productivity", coauthored with Dr. Shilliff, presented at Midwest Decision Sciences Institute Meeting held in Kansas City, Mo., May 3-5, 1992.

"Simulating Consumer's Warranty Costs Under Renewable Warranty Programs",

coauthored with Dr. Klafehn, presented at TIMS/ORSA joint national meeting held in Orlando, FL, April 26-29, 1992.

"Accounting Implications of Different Warranty Models", coauthored with Dr. Kim, presented at Mid-Atlantic Regional Meeting of American Accounting Association held in Pittsburgh, April 2-4, 1992.

"An Investigation on the Partial Redemption of Warranties", coauthored with Dr. Mitra, presented at the national meeting of Decision Sciences Institute, held in Miami Beach, FL, November 23-26, 1991.

"Warranty Cost for Renewable Warranty Programs Under Partial Redemption", coauthored with Dr. Mitra, presented at ORSA/TIMS joint National Meeting in Anaheim, CA, November 3-6, 1991.

"An Integrated Multi-criteria Model for Warranty Cost Estimation and Production", coauthored with Dr. Mitra, presented at Decision Science Institute First International Meeting held in Brussels, Belgium, June 24-26, 1991.

"Warranty Cost Estimation Under Renewable Warranty Program:
A Multi-Criteria Model", coauthored with Dr. Mitra, presented at TIMS/ORSA joint National Meeting in Nashville, TN, May 13-15, 1991.

"Warranty Cost Estimation with Warranty Execution Function: A Simulation Approach", coauthored with Dr. Keith Klafehn, presented at Western MultiConference on Computer Simulation, Anaheim, CA, January 23-25, 1991.

"Goal Programming Approach to Determine Optimal Warranty Policies", coauthored with Dr. Mitra, presented at the National Decision Sciences Institute meeting in San Diego, CA, November 19-21, 1990.

Warranty Cost Estimation Under Various Warranty Programs", coauthored with Dr. Mitra, presented at TIMS/ORSA joint national meeting held in Las Vegas, May 7-9, 1990.

"Determination of Warranty Rebate Plan: A Multi-Criteria Approach", coauthored with Dr. Mitra, presented at the national meeting of Decision Sciences Institute held in New Orleans, Nov. 20-22, 1989.

"Effects of Warranty Execution Under Various Rebate Plans", coauthored with Dr. Mitra, presented at TIMS XXIX international meeting, Osaka, Japan, July 23-26, 1989.

"Time to Full Refund Using (0 - 1) Warranty Execution Function", coauthored with Dr. Mitra, presented at the joint national meeting of CORS/TIMS/ORSA, Vancouver, Canada,

May 8-10, 1989.

"Effect of Warranty Execution Under Linear Pro-rata and Lump-sum Rebate Plans", coauthored with Dr. Mitra, presented at the 1989 Annual Meeting of the S.E. Decision Science Institute, Charleston, S.C, February 22-24, 1989.

"Warranty Cost Estimation Using Simulation", coauthored with Dr. Klafehn of the University of Akron, presented at the 1988 Winter Simulation Conference, San Diego, Ca, December 12-14, 1988.

"Determination of Time Period for Full Refund in a Warranty", coauthored with Dr. Amitava Mitra, presented at the 1988 Annual Meeting of the Decision Sciences Institute, Las Vegas, November 21-23, 1988.

"A Multiobjective Model for Warranty Estimation", coauthored with Dr. Mitra, presented at EURO IX TIMS XXVIII international conference in Paris, France, July 6-8, 1988.

"How Long Should a Producer offer Full Refund? (A Producer's Viewpoint)" presented at TIMS/ORSA Joint National Meeting, Washington, D.C., April 25-27, 1988.

"Warranty Cost Estimation and Production Problem for Multiple Products", coauthored with Dr. Amitava Mitra of Auburn University, presented at the Annual Meeting of The Decision Science Institute, Boston, November 23-25, 1987.

"A Warranty Cost Estimation using Multiple Products", coauthored with Dr. Amitava Mitra of Auburn University, presented at the ORSA/TIMS Joint National Meeting, St. Louis, October 25-28, 1987.

"A Warranty Cost Estimation and Production Problem using Multiple objectives", coauthored with Dr. Amitava Mitra of Auburn University, presented at the National Meeting of ORSA/TIMS, New Orleans, May 4-7, 1987.

"Transfer and Redemption for a Withdrawing Partner: A Mathematical Decision Model", coauthored with Dr. Charles K. Moore of The University of Akron, presented at the Eighteenth Annual Conference of Southwest Region Decision Science Institute, Houston Texas, March 10-14, 1987.

"Warranty Cost Estimation: A Goal Programming Approach", coauthored with Dr. Amitava Mitra of Auburn University, presented at 1986 Annual Meeting of The Decision Science Institute, Hawaii, November 23-25, 1986.

"How Long Should a Producer Offer Full Refund (A Consumer's Viewpoint) ", presented at 1986 Midwest American Institute of Decision Sciences Meeting in Lincoln, Nebraska,

April 23-25, 1986.

"Effect of Warranty Execution on Warranty Reserves Under Various Rebate Plans" presented at Joint National Meeting of TIMS/ORSA, Los Angeles, April 14-16, 1986.

"Estimation of Warranty Reserves: An Extension", Presented at the Joint National Meeting of The institute of Management Sciences and Operations Research Society of America, Los Angeles, November 12-14, 1978.

Represented College of Business Administration, The University of Akron at a Liaison Symposium on Practice of Management Science between Academics & Practitioners at Kent State University, Kent, Ohio. (86-87)

PAPERS SUBMITTED FOR PUBLICATION OR FOR PRESENTATION

"A Two-Dimensional Minimal Repair Warranty Policy", coauthored with Dr. Mitra, submitted to Computers and & Operations Research (In revision).

Warranty Reserves for Two-Dimensional Warranty Policies", coauthored with Drs. Ja, Kulkarni and Mitra, to be submitted to Management Science. (to be revised)

AWARDS AND HONORS

Graduate Fellowship, Sirrine Foundation, Clemson University.

Graduate Assistantship, Clemson University.

Elected to the BETA GAMMA SIGMA, Clemson University (1979).

Promoted to the Graduate Faculty, The University of Akron (1979).

Promoted to the rank of Associate Professor and granted Tenure, The university of Akron, (1983).

Elected to the SIGMA IOTA EPSILON, The University of Akron (1985).

Received "five-year Faculty Award" from the University of Akron Alumni Association (1983).

Received "ten-year Faculty Award" from the President of the University of Akron (1988).

Promoted to the rank of Professor, The University of Akron (1989).

Recipient of $3000 summer research award from the Stoller Research Fund (1989).

Awarded Faculty Research Grant of $2190 from the University of Akron Research Project Committee for project titled "A Practical Approach to Estimating the Company's Warranty Cost". Dr. Kim is co-researcher on this project (1993-1995).

Awarded Faculty Improvement Leave for Spring 94.

Received a plaque from Beta Gamma Sigma for serving as faculty advisor for the chapter at the University of Akron, 1997.

Received publication incentive award of $750 from College of Business Administration (1997).

Received 20-year service award from the University of Akron on April 29, 1998.

Appointed as Interim Chair in the Department of Management for 2000-2001.

Received 25year service award from the University of Akron, April, 2003.

Professional Activities:

Reviewed research papers for Decision Sciences Institute meeting for over twenty years. Reviewed papers for many academic research journals.

CBA & DEPARTMENTAL SERVICE

Served on the faculty advisory committee to the dean. (1981-82)

Chaired the Computer and Quantitative Course Review Committee. (1982-83 and 1983-84)

Served as a member of the Computer and Quantitative Course Review Committee. (1985-86 and 1986-87)

Chaired the Retention ,Tenure and Promotion Committee. (1985, 86, 91, 97, 98, 99)

Served on the Library Committee. (1984-85)

Served on the Scholarship Committee. (1985-86)

Served on the B-Day Committee. (1985-86)

Served on the Five-Year Strategic Plan Committee. (1985-86)

Served on Alumni committee. (1988-89)

Participated in annual phonation for the College of Business Administration. (1987-89, 1988-89, 1989-90)

Served on the Computer and Quantitative Course Review Committee. (1989-90)

Served on the Faculty Advisory Committee to the Dean. (1989-90)

Served as a Faculty Advisor to the Sigma Iota Epsilon for academic year 1990-91. Also served in years 1987-88, 1988-89 and 1989-90)

Served as chairman of the Task Force to evaluate the continuation of Akron Business and Economic Review and the feasibility of starting Applied Research Center in the College of Business Administration. (1991)

Served on Graduate Admissions Committee. (1990-1991)

Served on CBA nominations Committee. (1990-1991)

Serving as a Faculty Advisor to Beta Gamma Sigma. (1991-1996)

Served as chairman, Promotion Committee in the Department of Management. (1990-1991)

Served as chairman, Search Committee, Assistant Dean and Director of Graduate Programs in Business. (1992).

Served as chairman, Graduate Faculty Review committee in the Department of Management. (1992-1993).

Served as chairman, Faculty Composition and Development Committee. (1993)

Served as a member of Distinguished Professor Committee. (1994)

Served as Chairman of the Promotion Committee in the Department of Management. (1994-1995)

Served as Chairman of Career Planning and Placement Committee. (1995-1996)

Served as Chairman of Intellectual Contributions Committee. (1995-96)

Served as a member of search committee for Associate Director of Fitzgerald Institute for Entrepreneurial Studies. (1995)

Served as a member of Graduate Faculty Review Committee in the Department of Management. (1995-96)

Served as a member of Strategic Planning Committee in the Department of Management. (1995-96)

Served on Department Chair Review Committee in the Department of Management(1997)

Serving on Scholarship Committee in the Department of Management (96-)

Served as Chair of Career and Placement Committee in the College of Business Administration (1997)

Served on Intellectual Contributions Committee in the College of Business Administration (1997)

Served on search committee to appoint Director of the Institute for Entrepreneurial Studies(1997).

Served on search committee to appoint visiting instructor in the Department of Management (1997).

Served as CBA senator in faulty senate (1996-99)

This is a three-year appointment. The senate meets once a month. But there have been many special meeting
past year in addition to regular meetings.

Serving on Scholarship Committee in the Department of Management (96-)

Serving on Intellectual Contributions Committee in the College of Business Administration (1998)

Serving as chair of Graduate Faculty Review Committee. (1998)

Served as chair of Reappointment committee in the department.(1998)

Served as chair of Promotion Committee (2001)

UNIVERSITY SERVICE

Served on the University Planning and Budget Committee (1998-99).

Served as senator representing College of Business Administration in the faculty senate. (1996-1999)

Served as a chair on the University Library Committee as CBA representative (1996-98)

Served on the sub-committee formed by the University Library Committee and CCTC.(996-97)

Served as a representative of the Graduate Faculty at the Doctoral Dissertation defense of Dennis Doverspike- Psychology Department on October 8, 1982.

Served as Department of Management representative on Hearing Board Pool. (1988-89, 1989-90)

PROFESSIONAL AFFILIATIONS

The Institute of Management Sciences since 1974.

Decision Science Institute since 1981. National and Southeast chapters.

CIVIC ACTIVITIES

Served as a Faculty Advisor to the Indian Student Association, The University of Akron (1980 - 1983).

Former host of "Music of India" weekly radio program broadcast from University of Akron radio station (1984 - 1986).

Winner of Faculty Golf Tournament, 1981 and 1983.

Served as Vice-President of Indo-American Association of Greater Akron. (1987)