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Education

- Ph.D. in Industrial Management with emphasis on Inventory Management, National Taiwan University of Science and Technology, June. 2003.
- M.S. in Industrial Management with emphasis on Operations Research and Statistics, National Taiwan University of Science and Technology, June. 1991.
- B.S. in Industrial Management with emphasis on Operations Research and Statistics, National Taiwan University of Science and Technology, June. 1989.

Area of Specialty

- Inventory Management
- Supply chain Management

Academic Experience

- Associate Professor, Department of Management and Information Technology, Southern Taiwan University of Science and Technology, 2004/01 to present
- Assistant Professor, Department of Management and Information Technology, Southern Taiwan University of Science and Technology, 2003/07 to 2003/12
- Lecturer, Department of Management and Information Technology, Southern Taiwan University of Science and Technology, 1991/08 to 2003/06

Publications

Journal Papers:

1. **Yang, Jin-Shan** , Fang, Jeng-Jung and Wang, Qin-Xiang (2016) “The Integrated Inventory Model Considered the Optimal Service Level”, *Journal of Industrial and Business Management* , 9(1), 12-21.
2. Fang, Jeng-Jung, **Yang, Jin-Shan** , Wang, Peng-Sen and Chien-Hsiang Wu (2016) “Apply Central Composite Design for the Process Parameter Optimization on the Aquatic Feed Production Process”, *Journal of Quantitative Management* , 13(1), 1-12
3. **Yang, Jin-Shan** , Fang, Jeng-Jung and Chin-Wei Su(2015) “A Study of Integrated Inventory Models with Reduced setup cost and Unequal sub-batch sizes”, *Journal of Quantitative Management* , 12(2), 39-46
4. **Yang, Jin-Shan** , Fang, Jeng-Jung and Ching-Yi Chen (2015) “A Study of Integrated Inventory Models with Carbon Emission and Quality Cost”, *Journal of Far East University* , 32(3), 217-226
5. **Yang, Jin-Shan** , Fang, Jeng-Jung and Liang-Yin Chiang (2015) “Study of Air Force

- Supplies with Balanced Scored Card”, *Journal of Industrial and Business Management* , 8(1), 27-40.
6. **Yang, Jin-Shan** , Fang, Jeng-Jung and Mao-Sin Zeng (2014) “A study of integrated inventory model of reduced holding cost and lot-size deliveries inventory model”, *Journal of Quantitative Management* , 11(2), 15-22
 7. **Yang, Jin-Shan** , Fang, Jeng-Jung and Chun-Teng Chang (2014) “A Study of Integrated Inventory Models with cost Allocation”, *Journal of Industrial and Business Management* , 7(1), 47-55.
 8. **Yang, Jin-Shan** , Fang, Jeng-Jung and Pei-Ti Shih (2014) “A Study of Integrated Inventory Models with Carbon Emission cost”, *Journal of Industrial and Business Management* , 7(1), 63-74.
 9. **Yang, Jin-Shan** , Fang, Jeng-Jung and Sheng-Siang Jiang (2013) “A Study of Integrated Inventory Model of Reduced Ordering Cost”, *Journal of Southern Taiwan University of Science and Technology*, 38(4), 127-136.
 10. **Yang, Jin-Shan** , Fang, Jeng-Jung and Du Shiang-Lan (2013) “A Study of Integrated Inventory Model of Reduced Ordering Cost”, *Journal of Far East University*, 30(2), 181-190.
 11. **Yang, Jin-Shan** , Chih-Yang Tu, Sheng-Siang Jiang (2013) “A study of the integrated inventory models with vehicle capacity and production space constraint”, *Journal of Industrial and Business Management* , 6(1), 34-43.
 12. **Yang, Jin-Shan** , Tsai Yi-Pang and Pei-Ti Shih (2012) “A Study of JIT Purchasing with Number Storage Conveyances be Used in Once Shipment”, *Journal of Far East University*, 29(4), 469-476.
 13. **Yang, Jin-Shan** , Shiang-Lin Chen, Sheng-Siang Jiang (2012) “An Integrated Inventory Model of the Combination Lead Time and Setup Cost”, *Journal of Southern Taiwan University of Science and Technology*, 37(4), 15-38
 14. **Yang, Jin-Shan** , Wu Jia-Zih and Du Shiang-Lan (2012) “A Low Cost Inventory Model Research Considered the Optimal Service Standard”, *Journal of Far East University*, 29(2), 129-138.
 15. **Yang, Jin-Shan** , Jia-Lin Huang and Mao-Sin Zeng (2012) “A study of the two-stage supply chain inventory model for quality-related cost with backorders”, *Journal of Quantitative Management* , 9(1), 51-60
 16. **Yang, Jin-Shan** and Hsin-Hao Yao (2011) “A study of integrated inventory model of reduced setup cost”, *Journal of Quantitative Management* , 8(2), 1-10
 17. **Yang, Jin-Shan** , Jeng-jung Fang, Shih-chun Lin (2011) “A Study of Integrated Inventory Model of Production Space Limit And Reduced Setup Cost”, *Journal of Southern Taiwan University of Science and Technology*, 34(4), 19-30
 18. **Yang, Jin-Shan** , Fang, Jeng-Jung and Wang, Hui-Cheng (2011) “A Study of the Integrated Inventory Model with Random Delivery Time”, *Journal of Far East University*, 28(3), 187-196.

Conference Papers:

1. Fang, Jeng-Jung, Jin-Shan Yang and Peng-San Wang (2012), “The application of regression analysis on the core size change of furnace welding of water tank”, 2013 conference on Industrial management and Information application “, Tainan, pp. 165~174.
2. Fang, Jeng-Jung, Jin-Shan Yang and Peng-San Wang (2012), “The parameter

- optimization on the backend process of touch panel bonding process”, 2013 conference on Industrial management and Information application “, Tainan, pp. 176~185.
3. Fang, Jeng-Jung, Jin-Shan Yang and Peng-San Wang (2012), “The optimization process of variables and mixture components proportions on the production process of epoxy resin”, 2013 conference on Industrial management and Information application “, Tainan, pp. 186~195.
 4. Fang, Jeng-Jung, Jin-Shan Yang and Peng-San Wang (2012), “The process parameter optimization of power coating process using central composite design.”, 2012 the 8th conference on theories and practices in international business”, Tainan, p. 7.
 5. Fang, Jeng-Jung, Jin-Shan Yang and Peng-San Wang (2012), “The application of artificial neural network and genetic algorithm to reduce the nonconforming rate of plastic injection process.”, 2012 the 8th conference on theories and practices in international business”, Tainan, p. 11.
 6. Fang, Jeng-Jung, Jin-Shan Yang and Peng-San Wang (2012), “Taguchi method combined central composite design optimization fo process parameters in polarized lenses.”, 2012 the 8th conference on theories and practices in international business”, Tainan, p. 57.
 7. Fang, Jeng-Jung, Jin-Shan Yang and Peng-San Wang (2012), “The Parameter optimization of screening printing using experimental design.”, 2012 the 8th conference on theories and practices in international business”, Tainan, p. 58.
 8. Fang, Jeng-Jung, Jin-Shan Yang and Peng-San Wang (2012), “The gauge repeatability and reproducibility with interaction under nested design for different gauges and operators.”, 2012 the 8th conference on theories and practices in international business”, Tainan, p. 59.
 9. Fang, Jeng-Jung, Jin-Shan Yang and Peng-San Wang (2012), “The trend analysis of internet group shopping.”, 2012 the 8th conference on theories and practices in international business”, Tainan, p. 8.
 10. Fang, Jeng-Jung, Jin-Shan Yang and Peng-San Wang (2012), “The study of process parameter optimization on the application of design of experiments for balling process of multilayer ceramic capacitor.”, 2012 Global Business and Management Conference”, Kaohsiung, p. 119.
 11. Fang, Jeng-Jung, Jin-Shan Yang and Peng-San Wang (2011), “The Gauge repeatability and reproducibility analysis with different gauges and operators.”, 2011 The 7th Conference of Industry Globalization Academic and Practice, pp. 128-177.
 12. Fang, Jeng-Jung, Jin-Shan Yang and Peng-San Wang (2011), “The Parameter Optimization of Color Filter Polishing Process”, 2011 The 7th Conference of Industry Globalization Academic and Practice, pp. 192-205.
 13. Fang, Jeng-Jung, Jin-Shan Yang, Peng-San Wang and Si-Bing Ling (2011), “The Parameter Optimization for the Fermentation of Bacterial Cellulose”, 2011 Industry Global Logistic Academic and Practice Conference, pp. 407-418.
 14. Fang, Jeng-Jung, Jin-Shan Yang, Peng-San Wang and Gia-Ying Yang (2011), “Apply Regression Analysis and Genetic Algorithm on Optimization of the Fermentation of Bacterial Cellulose”, 2011 the 4th Management and Decision Academic Conference, BA321.
 15. Fang, Jeng-Jung, Jin-Shan Yang, Peng-San Wang and We-Ming Cheng(2011), “The Gauge Repeatability and Reproducibility for the Nested Problem without

Interaction, p.46

Dissertation:

- Yang, Jin-Shan (2003) “A study of an integrated inventory systems with controllable variables” Ph.D. Dissertation, National Taiwan University of Science and Technology

Grants

1. National Science Council, No: NSC-93-2213-E-218-018-, “Lead time and ordering cost reductions in an integrated inventory model with backorders,” 2004/8 - 2005/7.

Academic and Professional Service

1. Served as a tutor, 2002-present.
2. Served as a representative for the Meetings of University Affairs, 2011-present.
3. Served as a representative for the Meetings of College Affairs, 2011-present.
4. Received Departmental Awards for Tutor Service Excellence, 2014-2015
5. Served as a member of Editorial Board for “*Journal of Industrial and Business Management*”, 2004-present.
6. Served as a referee/paper reviewer for the following journals: International Journal of Production Research, International Journal of Production Economics, International Journal of Systems Science, 2001-2016