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**T.C.**

**ÜSKÜDAR UNIVERSITY**

**INSTITUTE OF SCIENCES**

### **Engineering Management**

### **Master of Science Program**

### **(English – Thesis/** **Non-Thesis)**

**2022**

# Publications and Dissertations

**1. Name Surname: Prof. Dr. Mehmet Savsar**

**2. Date of Birth: February 10, 1952**

**3. Title: Professor**

**4. Education Status: Ph.D.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Degree** | **Field** | **University**  | **Year**  |
| Undergraduate  | Forest Industrial Engineering |  Karadeniz Teknik University |  1975 |
| MSc | Industrial Engineering | Pennsylvania State University,  PA, USA |  1978 |
| PhD | Industrial Engineering and Operations Research |  Pennsylvania State University,  PA, USA |  1982 |
|  |  |  |  |

**5.      Academic Titles:**

**Assistant Professorship Date:** 1982

**Associate Professorship Date :** 1986

**Professorship Date :** 2003

**6.     Managed Master’s and Doctoral Theses**

 **6.1.  Master Theses**

**•** M.Sc.: Branch and Bound and Heuristic Algorithms for Sequencing Mixed Products on a Paced Assembly Line, King Saud University, 1992.

• M.Sc.: Optimal Spare Part Provisioning Policy Under Age-Based Preventive Replacement (Co-Supervised), King Saud University 1992.

• M.Sc.: Modeling and Analysis of Just-In-Time Production Systems, King Saud University 1996.

• M.Sc.: Machine Selection Optimization in Multi-Stage Manufacturing Systems with BFieldcing Constraints. Kuwait University, 2002.

 **6.2.  PhD Theses**

* PhD: Design of a Decision Support System for Operation and Maintenance of a Sea Water Pumping Station (Swinburne University, Australia; External Advisor), 2004-2011.

**7.     Publications**

 **7.1.  Articles published in international peer-reviewed journals (SCI & SSCI & Arts and Humanities)**

**1.** Savsar, M. and Kersavage, P.C. (1982), “A Mathematical Model for Determining the Quantity of Materials Produced in Saw Milling”, Forest Products Journal, Vol. 32, No. 11, 35-38.

2. Savsar, M. and Biles, W. E. (1985), “Two Stage Production Lines with a Single Repair Crew”, International Journal of Production Research, Vol. 22, No. 3, 499-514.

3. Savsar, M. and Biles, W.E. (1985), “Simulation Analysis of Automated Production Flow Lines"” Material Flow Journal, Vol. 2, 191-201.

4. Kersavage, P.C., Savsar, M. and Meimban, R.J. (1990), “A Mathematical Analysis to Determine the Volume of Residues and Lumber Produced in the Sawmill Edging Process” Wood and Fiber Science, Vol. 22, pp. 271-282.

5. Savsar, M. (1990), “Flexible Facility Layout by Simulation”, Computers and Industrial Engineering”, Vol. 20, No. 1, 155-165.

6. Cogun, C. and Savsar, M. (1990), “Statistical Modeling of Properties of Discharge Pulses in Electric Discharge Machining”, International Journal of Machine Tools Manufacturing, Vol. 30, No. 3, 467-474.

7. Savsar, M. and Cogun, C. (1993), “Stochastic Modeling and Comparisons of Two Flexible Manufacturing Cells with Single and Double Gripper Robots”, International Journal of Production Research, Vol. 31, No. 3, 633-645.

8. Savsar, M. and Cogun, C. (1994), “Analysis and Modeling of a Production Line in a Corrugated Box Factory”, International Journal of Production Research, Vol. 32, No. 7, 1571-1589.

9. Bolat, A., Savsar, M., and Al-Fawzan, M.A. (1994), “Algorithms for Real-Time Scheduling of Jobs on Mixed Model Assembly Lines”, Computers and Operations Research, Vol. 21, No. 5, 487-498.

10. Savsar, M. and Al-Jawini, A. (1995), “Simulation Analysis of JIT Systems”, International Journal of Production Economics, Vol. 42, 67-78.

11. Savsar, M. (1996), “Stochastic Modeling of a Pulp and Paper Factory with Intermediate Storage”, International Journal of Systems Science, Vol. 27, No. 12, 1251-1264.

12. Savsar, M. (1996), “Effects of Kanban Withdrawal Policies and Other Factors on the Performance of JIT Systems- A Simulation Study”, International Journal of Production Research, Vol. 34, No. 10, 2879-2899.

13. Cogun, C. and Savsar, M. (1996), “Performance Evaluation of a Flexible Manufacturing Cell (FMC) by Computer Simulation”, Modeling Measurement, & Control B, Vol. 62, No. 2, 31-44.

14. Savsar, M. (1997), “Simulation Analysis of a Pull-Push System for an Electronic Assembly Line”, International Journal of Production Economics, Vol. 51, 205-214.

15. Savsar, M. (1997), “Simulation Analysis of Maintenance Policies in Just-In-Time Production Systems”, International Journal of Operations & Production Management, Vol. 17, No. 3, 256-266.

16. Savsar, M. (1998), “Effects of Scheduling Policies on the Performance of Transfer Lines with Duplicate Stations”, Production Planning and Control, Vol. 9, No.7, 660-670.

17. Savsar, M. (1998) “Analysis of Saudi Arabian Maritime Transportation Industry” International Journal of Maritime Policy and Management, Vol. 25, No. 2, 185-200.

18. Savsar, M. and Allahverdi, A. (1999), “Algorithms for Scheduling of Jobs on Two Serial Duplicate Stations”, International Transactions in Operational Research, Vol. 6, No. 4, 411-422.

19. Savsar, M. (1999), “Simulation of Dynamic Resource Allocation Policies on Transfer Lines with Serial Duplicate Stations” Simulation, Vol. 72, No. 6, 391-400.

20. Savsar, M. and Choueiki, H. (2000), “A Neural Network Procedure for Kanban Allocation in JIT Production Control Systems”, International Journal of Production Research, Vol. 38, No. 14, 3247-3265.

21. Savsar, M. (2000), “Reliability Analysis of a Flexible Manufacturing Cell”, Journal of Reliability Engineering & System Safety, Vol. 67, No. 2, 147-152.

22. Allahverdi, A. and Savsar, M. (2001), “Stochastic Proportionate Scheduling with Setups”, Computers and Industrial Engineering, Vol. 39, No. 3-4, 357-369.

23. Allahverdi, A. and Savsar, M. (2002), “Scheduling of Three Serial Duplicate Stations in Assembly Lines with Setups”, International Journal of Industrial Engineering: Theory, Applications and Practice, Vol. 9, No.3, 265-274.

24. Savsar, M. and Al-Anzi, F. S. (2005), “Reliability of Data Allocation on a Centralized Service Configuration with Distributed Servers”, The Computer Journal, 49(3): 258-267.

25. Aldaihani, M. and Savsar, M., (2005), “Stochastic Modeling and Analysis of a Two-Machine Flexible Manufacturing Cell”, Computers and Industrial Engineering, 49, 600-610.

26. S. Almutawa, Savsar, M., Al-Rashdan, K. (2005) "Optimum Machine Selection in Multistage Manufacturing Systems". International Journal of Production Research, Vol. 43, No: 6, 1109-1126.

27. Savsar, M. (2005), “Effects of Random Material Flow Volumes on Layout Flexibility”, International Journal of Industrial Engineering: Theory, Applications, and Practice, 12(3), 234-243.

28. Savsar, M., (2005), “Performance Analysis of an FMC Operating under Different Failure Rates and Maintenance Policies”, International Journal of Flexible Manufacturing Systems, Vol. 16, 229-249.

29. Savsar, M., (2006), “Effects of Maintenance Policies on the Productivity of Flexible Manufacturing Cells”, Omega: The International Journal of Management Science, Vol. 34, 274-282.

30. Savsar, M., (2006) “Buffer Allocation in Serial Production Lines with Preventive and Corrective Maintenance Operations”, Kuwait Journal of Science and Engineering, 33(2): 1-14.

31. Alsalamah, M. J., Shayan, E., and Savsar, M. (2006), “Reliability Analysis of a Cooling Seawater Pumping Satiation”, International Journal of Quality and Reliability Management, Vol. 23, No. 6, pp. 670-696.

32. Savsar, M. and Abdulmalek, F. (2008), “Modeling of a Pull-Push Assembly Control System to Minimize Inventory and Demand Delay Costs”, International Journal of Industrial Engineering: Theory, Applications, and Practice,, Vol. 15, No. 1, 83-91.

33. Savsar, M., (2008), "Calculating Production Rate of a Flexible Manufacturing Module", International Journal of Advanced Manufacturing Technology, Vol. 37: 760-769.

34. Savsar, M., (2008) “Modeling of Multi-Stage Production Lines with Maintenance Operations”, International Journal of Computer Integrated Manufacturing, Vol. 21, No.4, pp. 396-406.

35. Savsar, M. and Aldaihani, M. (2008), “Modeling of Machine Failures in a Flexible Manufacturing Cell with Two Machines Served by a Robot”, Journal of Reliability & System Safety, Vol. 93, No. 10, 1551-1562.

36. Savsar, M. and Allahverdi, A. (2008), “Senior Design Course in Industrial Engineering at Kuwait University”, International Journal of Continuing Education and Life-Long Learning, Vol. 18, 253-263.

37. Aldaihani, M. and Savsar, M. (2008), “Stochastic models for reliable and unreliable flexible manufacturing cells with two machines and two robots”, International journal of Industrial and Systems Engineering, Vol. 3, No. 5, 610-624.

38. Savsar, M. (2011). "Multi-State Reliability Modeling of a Manufacturing Cell", International Journal of Performability Engineering, Vol. 7, No. 3, 205-216.

39. Savsar, M. (2011), "Analysis and Modeling of Maintenance Operations in the Context of an Oil Filling Plant", Journal of Manufacturing Technology Management, Vol. 22, No. 5, 679-697.

40. Salamah, M., Kapoor, A., Savsar, M., Ektesabi, M. M., Abdekhodaee, A., and Shayan, E. (2011). “The Detection of Flow Meter Drift by Using Statistical Process Control”, International Journal of Sustainable Development and Planning, Vol. 6, No. 1, 91-103.

41. Savsar, M. (2011), “Modeling of Hybrid Production Systems with Constant WIP and Unreliable Equipment”, International Journal of Information Systems and Supply Chain Management, Vol. 4, No. 4, 46-66.

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43. Abdulmalek, F., Savsar, M., and Aldaihani, M. (2012) "Design of Experiments for the Analysis of the Effects of Pallet Arrival Patterns and Maintenance Policies on FMC Productivity," International Journal of Applied Management Science, Vol. 4, No. 1, 91-106.

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50. Aleisa, E., Savsar, M, Al-Mashaan, M, Al-Jadi, A, Al-Sabah, S. (2013) " A Metaheuristic Approach for Location of Gas Stations in a Metropolitan Area," International Journal of Operational Research, Vol. 21, No. 2, 172-200.

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53. Alenezi, A., Alkhedher, and Savsar, M. (2015) “Determination of Optimal Lot Size and Sampling Plan for Single-Producer Single-Retailer Supply Chain System”, International Journal of Applied Mathematics and information Sciences, Vol. 9, No. 6, pp. 2973-2982.

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55. Savsar, M. and Al-Ali, M, H. (2017) “Classification and Analysis of Hazardous Conditions and Near Misses by Using Fault Trees: A Case Application in Oil Industry”, China-USA Business Review, Vol. 16, No. 4, 189-199.

56. Savsar, M., Aboelfotoh, A., and Embaireeg, D. (2019) “A GIS-Based Methodology for Solving the Capacitated Vehicle Routing Problem with Time Windows: A Real-life Scenario” International Journal of Applied Management Science, Vol. 11, No. 2 pp. 124-152.

 **7.2. Uluslararası diğer hakemli dergilerde yayınlanan makaleler**

1. Savsar, M (1989), “Production Line Simulator Evaluates Performance of System Design

 Alternatives”, Industrial Engineering, Vol. 15, No. 5, 60-63.

2. Savsar, M. and Kilic, S.E. (1991), “Simulation of Multi-Stage Manufacturing Systems to Evaluate Different Tool Changing Policies”, Journal of King Saud University Engineering Sciences, Vol. 3, No.2, 203-216.

3. Savsar, M. (1992), “Maintenance Crew Size Determination by Computer Simulation”, Journal of King Saud University Engineering Sciences, Vol. 4, 45-66.

4. Savsar, M. (1992), “Modeling of a Two-Stage Merge production with Buffer Storage”, Journal of King Abdulaziz University Engineering Sciences, Vol. 4, 67-81.

5. Savsar, M., Bolat, A. and Khan, R. (1995) "Development of Maritime Transportation Industry in the Kingdom of Saudi Arabia", Journal of The Industrial Cooperation in the Arabian Gulf, Vol. 62,

6. Savsar, M; Youssef, A.S., (2004) "An Integrated Simulation-Neural Network Meta Model Application in Designing Production Flow Lines", WSEAS Transactions on Electronics, Vol.1, 366-371.

7. Abdulmalek, F., Savsar, M., and Aldaihani, M., (2004) “Simulation of Tool Change Policies in a Flexible Manufacturing Cell”, WSEAS Transactions on Systems, 7(3), 2546-2552.

8. Moreb A, and Savsar, M. (2007) “Minimizing Defects in Tufting Process Using Full Factorial Design”, WSEAS Transactions on Business and Economics, 3(4), 54-57.

9. Savsar, M. and Youssef, A. S., (2007), “Neural Network Applications to Buffer Allocation Problems in Automated Transfer Lines”, Al-Azhar University Engineering Journal, 2(4),389-400.

10. Savsar, M. (2009). "Modeling and Simulation of a Serial Production Line with Constant Work-In-Process”, World Academy of Science, Engineering and Technology, No. 53, 1195-1203.

11. Savsar, M. and Abdulmalek, F. (2012), “Analysis of The Effects of Different Factors on Aircraft Maintenance Delays”, International Journal of Decision Sciences, Vol. 3, No. 2, 159-175.

12. Savsar, M. (2012), “Analysis and Scheduling of Maintenance Operations for a Chain of Gas Stations," Journal of Industrial Engineering. Vol. 2013, pp. 1-7.

13. Savsar, M. (2013), “Simulation Analysis of the Effects of maintenance Policies on Manufacturing Line Productivity”, Applied Mechanics and Materials, Vol. 390, 646-652.

14. Aleisa, E., Savsar, M. (2013: “Modeling of Firefighting Operations through Discrete Event Simulation,” International Journal of Computer Theory and Engineering, Vol. 5, No. 4, 678-682.

15. Savsar, M. and Aleisa, E. (2013) “Simulation Modeling and Analysis of In-Flight Service Operations for Commercial Passenger Flights”, International Journal of Applied Operational Research, Vol. 2, No. 4, 27-40.

16. Savsar, M. (2015) “Availability Analysis of a Power Plant by Computer Simulation", World Academy of Science, Engineering and Technology, International Journal of Electrical, Computer, Energetic, Electronic and Communication Engineering Vol. 9, No. 4, 495-498.

17. Savsar, M. (2016) “Reliability and availability analysis of a manufacturing line system”, Journal of Applied and Physical Sciences, 2016, 2(3): 96-106.

18. Savsar, M. (2017)” A Quality Improvement Application in Healthcare Management”, Insight Medical Publishing Journals: Trauma and Acute Care, Vol. 2, No. 1:30, pp.1-5.

19. Savsar M. (2017) “Analysis of an Assembly Line in Food Processing Industry: A Case Study,” Journal of Management and Engineering Integration.

1. Savsar, M. (2019) “Reliability Analysis of a Life Supports System in a Public Aquarium”, Accepted for publication in *International Journal of Advances in Science, Engineering & Technology (*IJASEAT). Vol. 7, No. 3, pp. 37-42.

21. Savsar, L. and Savsar, M. (2019) “Healthcare Quality and Narrative Medicine,”

 I*nternational Journal of Advances in Social Sciences,* Vol. 5, No. 15.Savsar, M., Bulak, M. E., and Kozanoglu, O. (20210) “Optimization of Surgical Schedules at a Specialist Hospital: A case Application”, 4th International Symposium on Multidisciplinary Studies and Innovative Technologies, October 22-24, Turkey

22. Savsar, M. and Çiçek, H. (2020) “Analysis of Effects of Some Factors Performance of a Dental Clinic”, 4th International Symposium on Multidisciplinary Studies and Innovative Technologies, October 22-24, Turkey.

23. Savsar, M. and Çiçek, H. (2021) ‘Analysis and Improvement of Production Planning Processes in a Food Factory’, 5th International Symposium on Multidisciplinary Studies and Innovative Technologies, October 21-23, 2021, Turkey

 24. Savsar, M. and Çiçek, H. (2021) ‘Effects of Maintenance Policies on Production Costs and Systems Reliability in Canned Food Factory’, 5th International Symposium on Multidisciplinary Studies and Innovative Technologies, October 21-23, 2021, Turkey

 **7.3. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler**

**1.** Biles, W.E., and Savsar, M., “Analysis of Automated Production Flow Lines”, AIIE Proceedings, May 1982, New Orleans, LA., U.S.A., pp. 387-395.

2. Kersavage, P.C., and Savsar, M., “Improving Sawmill Operating Efficiency With Computer Simulation”, Forest Products Research Society Conference, June 1983, Norfolk, VA. U.S.A.

3. Savsar, M., and Biles, W.E., “A Simulation model for Automated Multistage Production Lines”, IIE Proceedings, May 1984, Chicago, U.S.A.

4. Proctor, R.L., Savsar, M., and Stasiac, R., “Fault Tree Application to a System with Redundant Three-State Devices”, 3rd Cairo University Conference on Mechanical Design and Production, December 28-30, 1985, Cairo, Egypt.

5. Savsar, M., “Computerized Dynamic Scheduling of Maintenance Operations”, Proceedings of the IASTED International Conference on Reliability and Quality Control, June 24-26, 1987, Paris, France, 136-139.

6. Proctor, C.L., El-Tamimi, A. and Savsar, M., “Reliability Modeling of a Gas Turbine Standby System”, Proceedings of the IASTED International Conference on Reliability and Quality Control, June 24-26, 1987, Paris, France, 125-128.

7. El-Tamimi, A., and Savsar, M., “The Availability of a Two-Stage Production Line With Intermediate Buffer”, Proceedings of the IASTED International Conference on Reliability and Quality Control, June 24-26, 1987, Paris, France, 117-120.

8. Savsar, M., “Micro Simulator For Production Flow Lines”, Proceedings of the IXth International Conference on Production Research (ICPR), August 17-20, 1987, Cincinnati, Ohio, U.S.A, 1497-1503.

9. Proctor, C.L., Savsar, M. and El-Tamimi, A., “Reliability Analysis of a Computer Hosting Configuration”, Proceedings of the IV the International Conference on Reliability and Exploitation of Computer Systems, RELCOMEX’87, October 13-16, 1987, Wroclaw, Poland, 277-286.

10. Savsar, M., and Kilic, S.E. “A Computer Simulation Model for Tool Change Planning in Multistage Manufacturing Systems”, Proceedings of the 10th National Computer Conference, February, 1988, King Abdulaziz University, Jeddah, Saudi Arabia, 575-587.

11. Savsar, M., “Maintenance Crew Size Determination by Computer Simulation”, Proceedings of the Maintenance Planning and Operations Conference, March 1990, King Saud University, Riyadh, Saudi Arabia, 223-239.

12. Savsar, M., and Farrash, S.H., “Simulation of a Robotized Manufacturing Cell”, Proceedings of the 6th IMC Conference on Advanced Manufacturing Technology, August 1989, Dublin, Ireland, 178-191.

13. Savsar, M., Modeling of A Flexible Manufacturing Cell”, Proceedings of the 7th IMC Conference on Advanced Manufacturing Technology and Systems, August 1990, Dublin, Ireland, 331-341.

14. Al-Fawzan, M., Savsar, M., and Bolat, A., “Algorithms for Sequencing Mixed Model Products on a Paced Assembly Line”, Proceedings of the 9th IMC Conference on Advanced Manufacturing Technology and Systems, September 2-4, 1992, Dublin, Ireland.

15. Savsar, M. Al-Fawzan, M., “Project Scheduling Under Variable Resource Constraints”, Proceedings of the 9th IMC Conference on Advanced Manufacturing Technology and Systems, September 2-4, 1992, Dublin, Ireland.

16. Savsar, M., Khan, R.R., and El-Tamimi, A., “Modeling of Maintenance Policies in Just-In-Time Production Assembly Systems”, Proceedings of the Second Scientific Symposium on Maintenance Planning and Operations, 24-26 April 1993, King Saud University, Riyadh, Saudi Arabia, 95-108.

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18. Sharaf, M. A. F. and Savsar, M., “Effects of Maintenance Policies and Equipment Failures on the Availability of a Flexible Manufacturing Cell”, Second International Engineering Conference, Mansoura University, Egypt, April 1997.

19. Savsar, M., “Effects of Duplicate Stations on the Performance of Automated Transfer Lines” The Second Jordanian International Conference for Mechanical Engineering, JIMEC’97, 1-5 June 1997, Amman, Jordan.

20. Savsar, M., “Modeling and Analysis of a Flexible Manufacturing Cell”, 22nd International Conference on Computers and Industrial Engineering, Cairo, Egypt, 184-187, December 20-22, 1997.

21. Savsar, M., “Analysis of Scheduling Policies for Assembly Lines with Duplicate Stations”, INFORMS Conference, Montreal, Canada, April 26-29, 1998.

22. Savsar, M. and Choueiki, H., “Optimal Kanban Allocation in JIT Production Control Systems Using Neural Networks”, INFORMS Conference, Seattle, October 25-28, 1998.

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25. Savsar, M. “Maintenance Crew Size Determination in a Cable Factory by Computer Simulation”, International Conference on Industry, Engineering, and Management Systems (IEMS), Cocoa Beach, Florida, March 13-15, 2000, 315-324.

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28. Al-Ibrahim, M., Savsar, M., and Adi, W., “A Security Analysis for Label Switching Routers”, International Symposium on Telecommunications, IST 2001, Tehran, Iran, 1-3 September, 2001.

29. Savsar, M. and Allahverdi, A., “Scheduling on Assembly Lines with Serial Duplicate Stations”, 1st International Industrial Engineering Conference (IIC), Amman Jordan, 23-27 September 2001, 241-248.

30. Savsar, M. “Simulation and Neural Network Modeling of JIT Production Control Systems”, Proceedings of the International Conference on Business Decision and Technology (AMSE Conference), Kuwait, 18-20 March 2002, 288-299.

31. Savsar, M. “Productivity of a Flexible Manufacturing Cell Under Different Failure Rates and Maintenance Policies”, Proceedings of the 2nd International Conference on Responsive Manufacturing (ICRM-2002), Gaziantep, Turkey, 26-28 June, 2002, pp. 389-401.

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33. Savsar, M., “Analysis of the Performance of Manufacturing Cell Operating Under Different Failure Rates and Maintenance Policies”, Proceedings of the 6th Saudi Engineering Conference, UPM, Dammam, Saudi Arabia December 14-16, 2002. Vol.5 pp. 535-549.

34. M. Savsar , "Flexible Facility Layout Design ",Group Technology/Cellular Manufacturing-World Symposium ,Proceedings of the Group Technology/Cellular Manufacturing ,Columbus, Ohio, USA ,Ohio University ,pp.107-112 ,July ,2003 .

35. Savsar, M. , "Modeling of an Unreliable Production Merging Process with Intermediate Storage Tank ", Proceedings of International Conference on Mathematics and its Applications (ICMA 2004), Kuwait University, Kuwait, April, 2004, pp. 247-253.

36. Savsar, M., and Youssef, A.S. "An Integrated Simulation-Neural Network Meta Model Application in Designing Production Flow Lines ", Proceedings of 3rd WSEAS International Conference on Artificial Intelligence, Knowledge Engineering, Data Bases (AIKED 2004), Salzburg, February, 2004 .

37. Savsar, M. and Aldaihani, M., “Modeling and Analysis of a Flexible Manufacturing Cell with Two machines Served by a Robot”, The 4th International Conference on Intelligent Manufacturing Systems”, Sakarya University, Sakarya, Turkey, September 6-8, 2004.

38. Savsar, M. “Reliability and Productivity of a two-Stage Production Process”, The 4th International Conference on Intelligent Manufacturing Systems”, Sakarya University, Sakarya, Turkey, September 6-8, 2004.

39. Abdulmalek, F., Savsar, M., and Aldaihani, M., “Simulation of Tool Change Policies in a Flexible Manufacturing Cell”, WSEAS Conference on Simulation, Modeling and Optimization, Izmir, Turkey, September, 14-16, 2004.

40. AlSalamah, M., Shayan, E, and Savsar, M. “Reliability and Availability Analysis of Sea Water Pumping Station Plant”, Proceedings of the International Mechanical Engineering Conference (IMEC), December 5-8, 2004, Kuwait, pp. 174-197.

41. Al-Rashdan, K., Almutawa, S., and Savsar, M. “Machine Selection Optimization in Multi-Stage Manufacturing Systems with BFieldcing Constraints”, Proceedings of the International Mechanical Engineering Conference (IMEC), December 5-8, 2004, Kuwait, pp. 701-713.

42. Savsar, M. and Youssef , A. S., "Optimum Buffer Allocation in Serial Production Lines Using Neural Networks” 2nd International Industrial Engineering Conference (IIEC 2004), December 19-21, Riyadh, Saudi Arabia, December 19-21, 2004.

43. Savsar, M. “Modeling and Analysis of a Manufacturing Line Under Maintenance Operations”, Proceedings of the International Mechanical Engineering Conference (IMEC), December 5-8, 2004, Kuwait, pp. 163-173.

44. Savsar, M. and Abdulmalek, F., “Modeling of a Pull-Push Production Control System To Minimize Inventory and Demand Delay Costs”, 1st International Conference on Modeling, Simulation and Applied Optimization (ICMSAO’05), February 1-3, 2005, American University of Sharjah, Sharjah, UAE.

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48. Savsar, M., “Modeling of a Push-Pull Production Control System with Constant WIP and Unreliable Equipment”, Proceedings of the 4th International Industrial Engineering Conference (IIEC), December 11-12, 2005, Tehran, Iran.

49. Savsar, M., “Buffer Allocation in Serial Production Lines with Preventive and Corrective Maintenance Operations”, Proceedings of Tehran International Congress on Manufacturing Engineering (TIMCE’2005), December 12-15, 2005, Tehran, Iran.

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53. Savsar, M. and Allahverdi, A. “Senior Design Course in Industrial Engineering at Kuwait University”, 2nd International Conference on Engineering Education & Training (ICEET-2), April 9-11, 2007, Kuwait.

54. Savsar, M. and Youssef, A. S., “Neural Network Applications to Buffer Allocation Problems in Automated Transfer Lines” Al-Azhar Engineering Ninth International Conference (AEIC-2007), April 12-14, 2007, Cairo, Egypt.

55. Savsar, M. “Simulation Modeling of Production Systems with Constant WIP and Unreliable Equipment”,37th International Conference on Computers and Industrial Engineering”, October 20-23 , 2007, Alexandria, Egypt. pp. 2461-2467.

56. Savsar, M. “Modeling and Analysis of a Flexible Manufacturing Module”, International Conference on Engineering and ICT (ICEI 2007), 27-28 November 2007, Melaka, Malaysia, pp 431-437.

57. Savsar, M. and Moiedh Al-Ajmi, “A Quality Control Application for Health Care Management Systems”, Middle East Quality Association (MEQA) 2nd Annual Congress, Dubai, UAE, April 7-9, 2008.

58. Savsar, M., “Serial Production Line Design By Simulation Modeling”, Proceedings of the TMCE 2008, International Conference on Tools and Methods of Competitive Engineering (TMCE), April 21-25-2008, Izmir, Turkey

59. Savsar, M. and Ashkanani, A. “Maintenance Modeling and Analysis for an Oil Filling Plant”, 13th International Conference on Machine Design and Production (UMTIK’08), September 3-5, 2008, Istanbul, Turkey.

60. Savsar, M., “Modeling of Maintenance Operations at an Oil Filling Plant”, 6th International Conference on Intelligent & Manufacturing Systems, October 14-17, 2008, Sakarya University, Sakarya, Turkey

61. Savsar, M., Al-Yousufi, H. and Dehrab, S. “A Quality Control Application for Canned Food Manufacturing”, Middle East Quality Association (MEQA) 3rd Annual Congress, Dubai, UAE, April 6-7, 2009.

62. Savsar, M. and Aleisa, E. E., “Analyzing In-Flight Air Hostess Tasks Through Discrete-Event Simulation”, 7th Industrial Simulation Conference-ISC2009, June 1-3, 2009, Loughborough, United Kingdom.

63. Salamah, M. B., Kapoor, A., Savsar, M., Ektesabi, M., Abdedhdaee, A. “The Importance of Accurate Water Metering in Resource Management”, 4th International Conference on Sustainable Development and Planning”, 13-15 May, 2009, Cyprus

64. Savsar, M. “Modeling and Simulation of a Serial Production Line with Constant Work-In-Process”, International Conference on Modeling and Simulation (ICMS 2009), May 27-29, 2009 Tokyo, Japan.

65. Savsar, M. "Reliability Modeling of A Manufacturing Cell Operated Under Degraded Mode", International Conference on Industrial Engineering and Operations Management (IEOM 2010), January 9-10, 2010, Dhaka, Bangladesh.

66. Savsar, M. "Modeling and Analysis of Fire Center Locations in a City to Minimize Response Time”, International Conference on Industrial Engineering and Operations Management (IEOM 2010), January 9-10, 2010, Dhaka, Bangladesh.

67. Savsar, M., Al-Duaij, A., and Al-Banwan, H. "A Quality Control Application in Cooperative Society Supermarkets" Middle East Quality Association (MEQA) 4th Annual Congress, Dubai, UAE, March 22-24, 2010.

68. Savsar, M. "Analysis of Flexible Manufacturing Cells Operated Under Fault Tolerant-States", 8th International Conference on Modeling and Simulation (MOSIM), Hamamat, Tunisia, May 10-12, 2010.

69. Savsar, M. "Analysis of a Flexible Manufacturing Cell with Two Unreliable machines and a Single Repair Crew", 7th International Conference on Intelligent & Manufacturing Systems, September 15-17, 2010, International University of Sarajevo, Sarajevo, Bosnia Herzegovina.

70. Savsar, M. and Aldaihani, M., "Stochastic Modeling of the Effects of Corrective Maintenance Policies on Performance of Manufacturing Modules", International Conference on Mathematical Sciences (ICMS-2010), November 23-27, 2010, Abant Izzet Baysal University, Bolu, Turkey.

71. Savsar, M., Atash, M., and Alnaqi, J. "Modeling and Analysis of Bus Routing Operations at Kuwait Public Transport Company", International Conference on Industrial Engineering and Operations Management (IEOM 2011), January 22-24, 2011, Kuala Lumpur, Malaysia.

72. Savsar, M. "Modeling and Simulation of Maintenance Operations at Kuwait Public Transport Company", International Conference on Challenges in Statistics and Operations Research, March 8-10, 2011, Kuwait University, Kuwait

73. Savsar, M. and Aldaihani, M. "Optimum Product Mix Selection from Waste Oil: A Linear Programming Application", 6th International Advanced Technologies Symposium (IATS'11), 16-18 May 2011, Elazig, Turkey.

74. Al-Jadi, A., Aleisa, E., Savsar, M., Al-Mashaan, M., and Al-Sabah, S. “Spatial Analysis and Evaluations of Fuel Stations' Locations using GIS and Analytical Location”, presented in the International Conference on Industrial Engineering (ICIE), January 29-31, 2012, Dubai, United Arab Emirates.

75. Savsar, M. and Abdulmalek, F. “Statistical Analysis of Aircraft Maintenance Operations Using Design of Experiments”, 9th International Symposium on Tools and Methods of Competitive Engineering, TMCE-2012, May 7-11, 2012, Karlsruhe, Germany.

76. Savsar, M. “Modeling and Analysis of a Fire Station Location”, International Conference on Industrial Engineering and Operations Management (IEOM), July 3-6, 2012, Istanbul, Turkey

77. Savsar, M. “Modeling of Maintenance Operations in a Service Organization: A Case Application” International Conference on Industrial Engineering and Operations Management (IEOM), July 3-6, 2012, Istanbul, Turkey.

78. Savsar, M., Alardhi, M., and Almazrouee, A. “Savsar, M. “Capacity and Availability Analysis of Power Plants in Kuwait”, International Conference on Industrial Engineering and Operations Management, July 3-6, 2012, Istanbul, Turkey.

79. Savsar, M. "Analysis of Maintenance Activities in a Service Organization: A Case Application", 2012 INFORMS Manufacturing & Service Operations Management (MSOM) Conference, June 17-19, Columbia University, New York, USA, 2012.

80. Savsar, M. “Modeling and Scheduling of Maintenance Operations for Fuel Dispensers" 8th International Conference on Intelligent & Manufacturing Systems, September 27-28, 2012, Antalya, Turkey.

81. Savsar, M. “Simulation Modeling of Fire Station Locations Under Traffic Obstacles", International Conference on Computational Modeling, Analysis and Simulation, January, 14-15, 2013, Zurich, Switzerland.

82. Aleisa, and Savsar, M. “Modeling of Firefighting Operations through Discrete Event Simulation", 4th International Conference on Computer Modeling and Simulation, February 24-25, 2013, Rome, Italy.

83. Savsar, M. "Simulation Modelling of Maintenance Operations for an Automotive Company," International Conference on Industrial Engineering and Management, February 27-28, Barcelona, Spain.

84. Savsar, M. “Simulation Analysis of the Effects of maintenance Policies on Manufacturing Line Productivity”, 4th International Conference on Mechanical and Aerospace Engineering (ICMAE-2013), July 20-21, 2013, Moscow, Russia.

85. Savsar, M., Nadoom, A., Al-Muraished, D., Ibrahim, R., and Al-Debasi, M. “Analysis of Delivery and Assembly Operations in a Furniture Company Using Discrete Event Simulation,” Submitted to the International Conference on Industrial Engineering and Operations Management, January, 7-9, 2013, Bali, Indonesia.

86. Savsar, M. “Simulation Modeling for Productivity Analysis of Unreliable Flexible Manufacturing Cells,” International Conference on Industrial Engineering and Manufacturing Systems Engineering, December 5-6, 2013, Istanbul, Turkey

87. Savsar, M. “Analysis and Simulation of a Production Line in a Bakery System,” Joint International Symposium of 44th Computers & Industrial Engineering (CIE'44) and Intelligent Manufacturing & Service Systems (IMSS'14), October 14-16, 2014, Istanbul, Turkey.

88. Savsar, M. and Al-Ali, M. “Fault Tree Application to Safety Problems in Oil Industry”, Submitted to International Conference on Industrial Engineering and Operations Management, March, 3-5, 2015, Dubai, UAE.

89. Savsar, M. “Analysis of the Effects of maintenance Polices on the Availability of a Power Plant,” 21st International Conference on Industry, Engineering, and Management Systems (IEMS’21), March 23-25, 2015, Cocoa Beach, Florida, USA.

90. Savsar, M. “Stochastic Modeling and Productivity Analysis of a Flexible Manufacturing System,” ICCI 2015: 17th International Conference on Creative Industry, June 4-5, 2015, New York, USA.

91. Savsar, M. “Modeling and Analysis of a Flexible Manufacturing Cell with Three Machines and a Robot,” INFORMS, 1-4 November 2015, Philadelphia, USA.

92. Savsar, M., Aeisa, E., Aljaser, and Alhijji, A, “A Multi-Criteria Approach to Review Different Cleaning Methods and maintenance Schedules for PV Solar Panels of Prospective University Campus in Kuwait,” Ecocity World Summit. 11-13 October, 2015, Abu Dhabi.

93. Aeisa, E., Savsar, M., Esraa, AlQenaei, E. and Almutairi, S., “Conceptual and Detailed Design of Utilizing a Prospective State University Rooftop to Generate Energy Using an On-Grid Photovoltaic Solar System,” Eco city World Summit. 11-13 October, 2015, Abu Dhabi.

94. Savsar, M. “Reliability, Availability and Capacity Analysis of Power Plants in Kuwait,” International Conference on Power Engineering and Technology-ICPET, 19-20 April, 2016, Istanbul, Turkey.

95. Savsar, M. “Reliability and Availability Analysis of a Manufacturing Line System,” Istanbul 30th International Conference on Engineering & Technology, Computer, Basic & Applied Sciences (ECBA- 2016), August 2-3, 2016 Istanbul, Turkey.

96. Savsar, M. and Al-Ali, M., and Abdou, M. “Fault Tree Analysis of Hazardous Conditions and Near Misses in a Company: A Case Application,” International Conference on Industrial Engineering and Operations Management, IEOM Detroit Conference, Lawrence Technological University, Detroit, Michigan, USA, September 23 – 25, 2016.

97. Savsar, M., Elsaadany, A. K., Hassneiah, R., and Alajmi, A. (2017)” Analysis of a Manual Mixed-Model Assembly Line in Food Processing Industry: A Case Study,” International Conference on Industrial Engineering and Operations Management (IEOM 2010), April 11-13, 2017, Rabat, Morocco.

98. Savsar, M., “Analysis and Improvement of Efficiency for Food Processing Assembly Lines,” International Conference on Production Engineering and Management, 24-25 April, 2017, Boston, USA.

99. Savsar, M., Elsaadany, A. K., Hassneiah, R., Alajmi, A. “Analysis of a Manual Mixed-Model Assembly Line in Food Processing Industry: A Case Study”, Proceedings of the International Conference on Industrial Engineering and Operations Management , Rabat, Morocco, April 11-13, 2017

100. Savsar, M. “Teaching a Senior Design Course in Industrial Engineering”, 5th International Conference in Education and Social Sciences, INTCESS’18, February 5-7, 2018, Istanbul, Turkey.

101. Savsar, M. “Reliability Analysis of a Life Supports System in a Public Aquarium”, Proceedings of the International Conference on Science, Engineering, and Technology (ICSET), 6-7 April, 2019, Istanbul, Turkey.

102. AlKheder, S., Savsar, M., AlRukaibi, F., and Zaqzouq, A. “Optimal Fleet Size for Kuwait Public Transport Company Based on Integer Linear Programming,” IEEE intelligent transportation systems conference - ITSC 2019, Auckland, New ZeFieldd 27-30 October

103. Savsar, L. and Savsar, M. “Healthcare Quality and Narrative Medicine,” Proceedings of

 the 5th International Conferences on Education and Social Sciences, 21-23 October,

 2019, Istanbul, Turkey.

104. Savsar, M. and Alotaibi, H. (2020) “A Quality Control Application in Furniture

 Manufacturing,” IEOM Conference, Dubai, 10-12 March 2020.

105. Savsar, M. and Aldehaim, A. (2020) “Analysis and Improvement of a Facility Layout in a

 Furniture Factory: A Case Application,” IEOM Conference, Dubai, 10-12 March 2020.

106. Savsar, M. (2019) “Markov Chain Analysis of a Power Plant Availability”, 20th

 International Symposium on Econometrics, Operations Research and Statistics February

 12-14, 2020, Haci Bayram Veli University, Ankara, Turkey.

 **7.4.** **International books or chapters in books written**

1. Savsar, M., “Simulation and Neural Network Modeling of JIT Production Control Systems”, chapter in “Best of Books” of AMSE Conferences for 2002.

2. Savsar, M., “Manufacturing Line Simulator for Design and Performance Evaluation”, chapter in “Best of Books” of AMSE Conferences for 2006.

3. Maintenance Management and Modeling in Modern Manufacturing Systems, Chapter in a book titled “Manufacturing the Future” by Advanced Technologies: Research-Development-Application, ARS Press Vienna, Austria, 2006.

4. Savsar M. "Modeling and Analysis of Flexible Manufacturing Systems", Chapter published in the book titled: Future Manufacturing Systems by Sciyo, 2010.

5. Savsar, M., Ed., Quality Assurance and Management, In-Tech Publications, ISBN: 978-953-308-436-7, 2012..

6. Savsar, M. (2013) "Modeling of Hybrid Production Systems with Constant WIP and Unreliable Equipment” chapter in a book entitled “Management Innovations for Intelligent Supply Chains" in the book series Advances in Information Systems and Supply Chain Management; IGI Global Publishing, USA, 2013.

7. Savsar, M. (2013), “Modeling of Maintenance Operations" chapter in the Encyclopedia of Business Analytics and Optimization. IGI Global Publishing, USA, 2013.

8. Savsar, M. (2013), “Analysis of Maintenance Operations-A Case Application" chapter in the Encyclopedia of Business Analytics and Optimization. IGI Global Publishing, USA, 2013.

 **7.5.  Articles published in national peer-reviewed journals**

1. Savsar, M. (1983), “Automated Transfer Lines and Industrial Engineering Applications”, Industrial Engineering Journal (Turkish), Vol. 6, 7-11.

2. Savsar, M. and Shih, I.H. (1983), “A Fortran Program for Cholesky Factorization to Solve Linear Programming Problems”, Anatolian University Journal of Engineering, Vol. 1, No. 1, 1-4.

3. Savsar, M. (1984), “Multi-Stage Automated Manufacturing Systems” Transactions on Operational Research, Vol. 3, pp.112-124.

4. Savsar, M. (1984), “A View on Group Technology and Other Manufacturing Systems”, Anadolu University Journal of Engineering, Vol. 2, No. 1, 15-27.

5. Savsar, M. and Erol, D. (1984), “Determination of Production Tolerances” Engineering and Machinery Journal, Vol. 25, No. 295, 3-5.

 **7.6.  Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler**

1. Savsar, M., “Goal Programming Application to Harvest Scheduling Problems”, National Operations Research Congress, June 21-23, 1983, Ankara, Turkey.

2. Savsar, M., “Simulation of Automated Production Flow Lines”, Turkish National Operations Research Congress, June 28-30, 1984, Istanbul, Turkey.

3. Savsar, M. “Equipment Selection for a Multi-Stage Manufacturing System with batch Processing”, Operations Research /Industrial Engineering Congress (YAEM), Cukurova University, Adana, Turkey, June 16-19, 2004.

 **7.7.  Other Publications**

1. Savsar, M., Analysis of Production Systems, Anadolu University, Faculty of Engineering Publications No: 59, 1984, Turkey.

2. Savsar, M., Analysis of Material Handling Systems, Anadolu University, Faculty of Engineering Publications, No: 60, 1984, Turkey.

3. Savsar, M., "Sample Events in Quality Control", Manual for Quality Control, Eskisehir Locomotive and Motor Industry, April 3-6, 1984, Turkey.

4. Savsar, M. and Aldaihani, M. (2018) “Stochastic Modeling And Analysis of A Flexible Manufacturing Cell Operated With Limited Repair Capacity,” submitted for publication in the International Journal of Operational Research.

5. Savsar, M. and Aldaihani, M. (2018) “A Linear Programming Application to Product Mix Selection From Waste Oil” submitted for publication in the International Journal of Modeling in Operations Management.

6. Savsar, M. (2018) “Reliability, Maintenance and Availability Analysis of Power Plants in Kuwait” submitted for publication in the International Journal of Reliability and System Safety.

8. Abdulmalek, F. and Savsar, M. (2018) “Modeling and Simulation Analysis of Aircraft Maintenance Operations” submitted for publication in the International Journal of Reliability and Engineering Systems Modelling & Simulation.

**8.    Projects**

* Pennsylvania Agricultural Experiment Station, McIntire Project Grant No: 2494 (1981-1982)**:** “Development of a Mathematical Model and a Computer Simulation Package for Sawmill Operations”
* King Saud University, College of Engineering Research Center Project Grant No: 8/405 (1985-1986)**:** “Development of a Computer Simulation Package for Animation of Production Lines on Microcomputers”
* King Abdulaziz City for Science and Technology, Riyadh, Saudi Arabia. Project Grant No: AR-13-63 (1992-1995): “Study and Development of Maritime Transportation in the Kingdom of Saudi Arabia”
* Kuwait University, Research Administration. Project Grant No: EM 125 (1998-1999)**:** “Optimal Kanban Allocation in Just-In-Time Production Control Systems Using Neural Networks”
* Kuwait University, Research Administration. Project Grant No: EM 01/99 (1999-2001)**:** “Analysis of the Effects of Maintenance Policies on Availability of Flexible Manufacturing Systems”
* Kuwait University, Research Administration. Project Grant No: EI02/03 (2003-2004)**:** “Analysis of Optimal Buffer Allocations in serial Production Flow Lines Using Simulation and Neural Networks”
* Kuwait University, Research Administration. Project Grant No: EI03/05 (7/2006 - 7/2007)**:** “Modeling of Hybrid Push-Pull Production Control Systems with Constant Work-In-Process and Unreliable Equipment”
* Kuwait University, Research Administration. Project Grant No: EI01/08 (11/2008-11/2009)**:** “Modeling and Analysis of Maintenance Operations in the Context of a Selected Factory”
* Kuwait University, Research Administration. Project Grant No: EI04/09 (5/2010-5/2011)**:** “Reliability Modeling of a Manufacturing System Operated Under Limited Repair"

* Kuwait University, Research Administration. Project Grant No: EI02/11 (6/2011-6/2012)**:** "Fire Station Location Analysis in a Metropolitan Area"
* Kuwait University, Research Administration. Project Grant No. EI03/12 (11/2012-11/2013)**: “**Productivity Analysis of an Unreliable Flexible Manufacturing System".
* Kuwait University, Research Administration. Project Grant No. EI01/14 (9/2014-9/2015)**: “**Productivity Analysis of Electrical Power Generation and Demand for Electrical Utility in Kuwait".

**9.    Administrative Duties**

* Bölüm Başkanı, Üsküdar University, Mühendislik ve Doğa Bilimleri Fakültesi, Industrial Engineering Bölümü, 2020-.
* Senato Üyesi, Üsküdar Universityö Istanbul, 2020-.
* Chairman, Department of Industrial Engineering, Faculty of Engineering & Natural Sciences, Üsküdar University, Istanbul, Turkey. (2020-)ç
* Member in Üsküdar University Senate (2020-)ç
* Chairman, Department of Industrial & Management Systems Engineering, College of Engineering & Petroleum, Kuwait University, Kuwait. (2006-2010)
* Assistant Chairman, Department of Industrial Engineering, Anadolu University, Eskisehir, Turkey, (1982-1984).
* IE Group Coordinator, Industrial Systems Engineering, King Saud University, Mechanical Engineering Department (1988-1991), Riyad, Saudi Arabia.
* B.Sc. Projects Coordinator, King Saud University, Mechanical Eng. Dept. (1993-1997).
* Coordinator for Engineering Economy, King Saud University, College of Engineering (1992-1996), Riyad, Saudi Arabia.
* Academic Development Committee for Industrial Engineering, King Saud University, Mechanical Engineering Department (1990-1993).
* Consultation and Short Courses Committee, Kuwait University, Mechanical &
* Industrial Systems Engineering Department, 1997-98.
* Ethics Committee for the ABET 2000 Program, Kuwait University, Mechanical & Industrial Systems Engineering Department, 1997-98.
* Industrial Engineering Curriculum Committee, Kuwait University, Mechanical & Industrial Systems Engineering Department, 1997-98.
* Social and Scientific Activities Committee, Kuwait University, Mechanical & Industrial Systems Engineering Department, 1998-99.
* Industrial Partnership Program Committee, Kuwait University, Mechanical & Industrial Systems Engineering Department, 1998-99.
* Industrial Engineering Labs Committee, Kuwait University, Mechanical & Industrial Systems Engineering Department, 1998-2001.
* Textbook Committee, Kuwait University, Mechanical & Industrial Systems Engineering Department, 2000-2001.
* College Outcome Assessment Committee, Kuwait University, Mechanical & Industrial Systems Engineering Department, 2000-2005.
* Consultation &Career Development Committee, Kuwait University, Mechanical & Industrial Systems Engineering Department, 2000-2001.
* Library Coordinator, Kuwait University, Industrial & Management Systems Engineering Department, 2001-2003.
* Safety & Security Committee, Kuwait University, College of Engineering & Petroleum, 2001-2003.
* Facilities Development Committee, Kuwait University, Industrial & Management Systems Engineering Department, 2001-2006.
* Chairman, Department of Industrial & Management Systems Engineering, College of Engineering & Petroleum, Kuwait University, Kuwait, (2/2006-2010)
* Research Committee Member, Kuwait University, College of Engineering & Petroleum, 2010-2011.
* External Advisory Board Committee, Kuwait University, IMSE Department, 2006-2011.
* Chairmen’s Committee, Kuwait University, College of Engineering & Petroleum, 2006-2010.
* College Council Committee, Kuwait University, College of Engineering & Petroleum, 2003-2010.
* Annual Report Coordinator, Kuwait University, IMSE Department, 2006-2010.
* Excellent Research Award Committee, Kuwait University, College of Engineering & Petroleum, 2012.
* Undergraduate Program Committee, Kuwait Univ., College of Eng. & Petroleum, 2003-2016.
* Promotion Committee, Kuwait University, IMSE Department, 2003-2018.
* Appointment & Contract Renewal Committee, Kuwait University, IMSE Department, 2006-2019.
* Scholarship Committee, Kuwait University, Industrial & Management Systems Engineering Department, 2002-2016.
* Graduate Studies Committee, Kuwait University, Industrial & Management Systems Engineering Department, 2002-2019.
* College Promotion and Appointment Committee, Kuwait University, College of Engineering & Petroleum, 2013-2019.
* Graduate Program Coordinator, Kuwait University, Industrial & Management Systems Engineering Department, 2016-2018.

**10.  Memberships to Scientific and Professional Organizations**

**•** Senior Member, Institute of Industrial Engineers, U.S.A.

• Member, INFORMS, Institute for Operations Research & Management Science, USA

• Member, New York Academy of Sciences, USA.

• Member, Turkish Operations Research Society.

• Member, Turkish Society of Mechanical Design and Production.

• Member SCIEI (Science and Engineering institute).

• Member, The International Institute of Innovation, Industrial Engç and Entrepreneurship (I4E2).

• Editor, JER: Journal of Engineering Research, Kuwait.

• Editor, In-Tech, Open access Publisher

• Editorial Board Member, Journal of Management and Engineering Integration.

• Editorial Board Member, Advances in Industrial Engineering and Management

• Editorial Board Member, International Journal of Applied Management Science

• Editorial Board Member, International Journal of Data Analysis Techniques and Strategies.

• Editorial Board Member, International Journal of Health Care Quality Assurance.

• Editorial Board Member, International Journal of Engineering and Business Management (IJEBM).

• Editorial Board Member, International Journal of Industrial Engineering and Operations Management

• Editorial Board Member, Journal of Intelligent Systems: Theory and Applications.

• International Advisory Board member, The Journal of Enginç Sciences, Sultan Qaboos University.

• Member of International Scientific Council, World Academy of Science and Engineering (WASET)

• Member, SCIEI (Science and Engineering Institute)

• Editorial Board Member, Journal of Engineering Sciences, Anadolu University, Turkey (1982-1985).

• Reviewer for International Journal of Production Research

• Reviewer for International Journal of Production Economics

• Reviewer for European Journal of Operations Research

• Reviewer for Computers & IE

• Reviewer for Computers & OR.

• Reviewer for Simulation Journal

• Reviewer for International Journal of Production Planning and Control

• Reviewer for Journal of Intelligent Manufacturing Systems

• Reviewer for International Journal of Systems Science

• Reviewer for the Int. Journal of Advanced Manufacturing Technology Management

• Reviewer for International Journal of Industrial and Systems Engineering

• Reviewer for the Journal Mathematical and Computational Application.

• Reviewer for International Journal of Quality and Reliability Management

• Reviewer for King Saud University Journal of Engineering Sciences

• Reviewer for Kuwait Journal of Science & Engineering

• Reviewer for International Journal of Health Care Quality Assurance

• Reviewer for Journal of Modeling and Simulation in Engineering

**11.  Awards**

• Best Paper Award in IEOM Conference, March 10-12, 2020, Dubai, UAE

* Best Paper Award in the International Conference on Industrial Engineering & Operations Management (IEOM), Istanbul, Turkey, July 4-6, 2012.

• Best Paper Award in the Middle East Quality Association (MEQA) 2nd Annual Congress in Dubai, UAE, April 7-9, 2008.

• Best Researcher Award, College of Engineering & Petroleum, Kuwait University, November, 2007

• Best Paper award in TICME 2005, Tehran International Congress on Manufacturing Engineering, December 12-15, 2005, Tehran, Iran.

• Best Paper award in the 2nd International Conference on responsive Manufacturing, 26-28 June 2002, Gaziantep, Turkey

• Scholarship from Turkish department of Forest industry (1971-75)

• Doctoral Fellowship from Turkish Ministry of Education (1976-82)

• President Scholarship from the Pennsylvania State University (1980-81)

• Research Assistantship from the Pennsylvania State University (1980-82)

• Best student award among his graduating class (1975).

• Listed in “Who is Who in Turkey” (1985-)

• Listed in “Who is Who in the World” (1997-)

• Listed in “Who is Who in Engineering” (1997-)

• Listed in “Who is Who in Asia” (2001-)

**12.  Undergraduate and graduate level courses given in the last two years.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Akademic Year**  | **Term** | **Course Name**  | **Weekly Time**  | **Number of Students** |
| **Theoric**  | **Application**  |
| 2019-2020 | Fall  | Healthcare Quality Management | 3 | 0 | 32 |
| Simulation of Engineering Systems (Yüksek Lisans) | 3 | 3 | 10 |
| Engineering Cost Analysis | 3 | 0 | 20 |
| Spring  | Facility Planning and Desıgn | 3 | 0 | 7 |
| Engineering Economics | 3 | 0 | 35 |
| 2020-2021 | Fall | Engineering Economics  | 3 | 0 | 144 |
| Healthcare Quality Management | 3 | 0 | 60 |
| Graduation Project (Lisans) - 1 Grup | 2 | 4 | 10 |
| Spring | İleri Sistem Simülasyonu (Yüksek Lisans) - 1 Grup | 3 | 0 | 3 |
| Reliability Engineering and Maintenance Management (Lisans) - 1 Grup | 3 | 0 | 29 |
| Graduation Project (Lisans) - 1 Grup | 2 | 0 | 9 |
| Summer | Facility Planning and Layout Design (Summer Okulu) (Lisans) - 2 Grup | 3 | 0 |  |

**Courses Given in Other Past Semesters**

Kuwait University (1997-2018)

• Probability and Statistics for Engineering (ENGR 304)

• Engineering Economy (ENGR 209)

• Introduction to Industrial Engineering (IMSE 212/ IMSE 221)

• Statistical Analysis for Industrial Systems (IMSE351)

• Production Cost Analysis (IMSE 352)

• Operations Research I (IMSE 361)

• Statistical Quality Control (IMSE 457)

• Equipment Selection, Maintenance & Replacement (IMSE 432)

• Facilities Planning & Design (IMSE 434)

• Production & Inventory Control (IMSE454)

• Simulation of Engineering Systems (IMSE 481)

• Design of Experiments (IMSE 458)

• Reliability & Maintainability Engineering (IMSE 451)

• Health Care Quality Management (IMSE 459)

• Senior Design Project in Industrial Engineering (IMSE 496)

King Saud University, Riyadh, Saudi Arabia (1984-1997)

• Project Management

• Production Planning and Control

• Design of Experiments

• Operations Research

• Engineering Economy

• Industrial Safety

• Computer Applications in Engineering

• Computer Simulation (Under Graduate & **Graduate Level**)

• Production Systems Analysis & Control (**Graduate Level**)

Anadolu University, Turkey (1982-1984)

• Facilities Planning

• Manufacturing Systems

• Engineering Probability and Statistics

• Integer and Goal Programming (**Graduate Level**)

• Analysis of Queuing Systems (**Graduate Level**)

• Graph Theory (**Graduate Level**).

**13. Theses**

**Doktora Tezi:**  Modeling of Automated Transfer Production Flow Lines, **M. Savsar** (Endüstri Müh. Ve

 Yöneylem Araştırması-Pennsylvania State University, USA)

**Yüksek Lisans Tezi:** Applications of Mathematical Programming in Forest Products Industry,

 **M. Savsar** (Orman Endüstrisi-Pennsylvania State University, USA)

**Yüksek Lisans Tezi:** Simulation of Sawmill Operations, (Endüsti Mühendisliği-Pennsylvania State

 University, USA) **M. Savsar**

**14. Work Experience**

* *Bölüm Başkanı* (2/2006-2/2010)-Industrial & Management Systems Engineering, College of Engineering & Petroleum, Kuwait University, Kuwait.
* *Profesör* (6/2003-2017)

Industrial & Management Systems Engineering, College of Engineering & Petroleum, Kuwait University, Kuwait.

* *Ziyaretçi Profesör* (8/2011- 8/2012), Rutgers University, NJ, USA.
* *Doçent* (9/1997-06/2003) Industrial & Management Systems Engineering, College of Engineering & Petroleum, Kuwait University, Kuwait.
* *Doçent* (9/1987-9/1997) Department of Mechanical Engineering (Industrial Engineering Section), King Saud University, Riyadh, S. Arabia.
* *Yardımcı Doçent* (9/1984-9/1987) Department of Mechanical Engineering (Industrial Engineering Section), King Saud University, Riyadh, S. Arabia.
* *Yardımcı Doçent and Bölüm Başkan Yardımcısı* (11/1982-8/1984) Department of Industrial Engineering, Anadolu University, Eskisehir, Turkey.
* *Araştırma Asistanı* (5/1980-5/1982) The Pennsylvania State University, University Park, PA., U.S.A.
* Üretim Mühendisi (6/1975-1/1976) Lif Levha Fabrikası, Artvin, Turkey.

**15. Counseling and Short-Term Courses**

 **Counseling**

* ETI Biscuits Factory for Developing Forecasting and Cost Estimation Models, Eskisehir.
* Al-Watan Packing Factory, Riyadh, Saudi Arabia (1989).
* Saudi Arabian Marine Transportation Department for Saudi Shipping Capacity Evaluation, Planning, and Forecasting, Riyadh, Saudi Arabia (1993-1995).
* Saudi Arabian Advanced Electronics Company (AEC). Developing and Implementing a Simulation-Based Just-In-Time (JIT) Production Control System, Riyadh, Saudi Arabia (1996-1997).

**Short-Term Courses Offered**

* Kalite Kontrolü, Lokomotif ve Motor Sanayii, Eskisehir, Mayıs 1983.
* Maintenance Management: King Saud University, Riyadh, Saudi Arabia, April 1988.
* Design &Operation of Industrial Production Systems: King Saud Univ., Riyadh, S. Arabia, April 1992.
* Decision Analysis for Managers and Engineers: Kuwait University, Office of Consultation and Career Development (OCCD), 4-6/12/1999.
* Quality Assurance and Quality Control: Kuwait University, (OCCD), 5-7/4/1999.
* Data Analysis and Decision Making: Kuwait University, (OCCD), 27-31/10/2001.
* Data Analysis and Decision Making: Kuwait University, (OCCD), 4-6/2/2001.
* Cost Estimation in Industry: Kuwait University, (OCCD), 3-7/01/2004.
* Decision Making with Vast Data Under Conflicting Objectives: Kuwait Univ., (OCCD), 4-8/11/2006.
* Maintenance Planning and Management: Kuwait University, (OCCD), 09-13/03/2008.
* Maintenance Planning and Management: Kuwait University, (OCCD), 04-08/04/2010.
* From Quality Control to Total Quality: An Integrated Approach: Kuwait Univ, (OCCD), 15-19/06/2014.

**Short-Term Courses Taken**

* Continuous Program Improvement Based on ABET Engineering Criteria 2000, Short course offered by Kuwait University, Office of Consultation and Career Development, 19/12/2004.
* Art of Lecture Management, Short course offered by Kuwait University, Office of Consultation and Career Development, 17-19/5/2004.
* Teaching for Learning, half-day workshop offered by Kuwait University, Center for Teaching Excellence, Office of Vice President for Academic Affairs, May 10, 2004.
* Design Courses for Learning, half-day workshop offered by Kuwait University, Center for Teaching Excellence, Office of Vice President for Academic Affairs, May 9, 2004.
* How to Design Teaching Course Using Internet, Short course offered by Kuwait University, Office of Consultation and Career Development, 2-13/2/2002.
* Introduction to Outcome-Based Course Assessment, Short course offered by Kuwait University, Office of Consultation and Career Development, 11-13/11/2001.
* Role of Computers in Higher Education: Multimedia and Distance Learning, Short course offered by Kuwait University, Office of Consultation and Career Development, 13-18/11/1997.
* Continuous Program Improvement: Developing the Process, Short course offered by Kuwait University, Office of Consultation and Career Development, 25/4/2005.
* Developing a Plan to Assess Engineering Programs: Basic Principles, Best Practices, and Applications, Short course offered by Kuwait University in conjunction with the Second International Conference on Engineering Education and Training, April 9-11, 2007, Kuwait.
* Designing Engineering Laboratories to Meet the Fundamental Objectives, Short course offered by Kuwait University in conjunction with the 2nd International Conference on Engineering Education and Training, April 9-11, 2007, Kuwait.
* Nanotechnology, Short course offered by Kuwait University, College of Engineering & Petroleum, April 2008, Kuwait.

**16. Committee Membership in International Scientific Meetings**

* IASTED, International Association of Science and Technology for Development Conferences, 1988.
* 2nd Scientific Symposium on Maintenance Planning and Operations, 24-26 April, 1993, Riyadh, Saudi Arabia
* Group Technology/Cellular Manufacturing World Symposium, Puerto Rico, USA, March 27-29, 2004.
* 2nd International Conference on Responsive Manufacturing, 26-28 June, 2002, Gaziantep, Turkey.
* 4th International Conference on Intelligent Manufacturing Systems, Sakarya University, Sakarya, Turkey, September 6-8, 2004.
* 11th International Conference on Machine Design and Production, 13-15 October, 2004, Antalya, Turkey
* 2nd International Conference on Intelligent Knowledge Systems, 6-8 July, 2005, Istanbul, Turkey
* 12th International Conference on Machine Design and Production, 5-8 September, 2006, Kusadasi, Turkey
* C&IM’2006, International Conference on Computational & Intelligent Manufacturing Systems, 29-31 May, 2006 Sakarya, Turkey.
* 4th International Logistics & Supply Chain Congress, November 29-December 1, 2006, Izmir, Turkey
* International Conference on Modeling and Simulation (AMSE-2006), August 28-30, 2006, Konya, Turkey.
* 13th Int. Conference on Machine Design and Production, 3-5 Sept. 2008, Istanbul, Turkey.
* EUROSIS, The European Multidisciplinary Society for Modeling and Simulation Technology, ASTEC 2007, Simulation in Manufacturing, March 1-3, 2007, Ritsumeikan, Shiga, Japan.
* IEEE International Conference on Industrial Engineering and Engineering Management, 2-5 December, 2007, Singapore
* 13th International Conference on Machine Design and Production, 3-5 September, 2008, Istanbul, Turkey
* 6th International Conference on Intelligent & Manufacturing Systems, October 14-17, 2008, Sakarya University, Sakarya, Turkey
* 7th International Conference on Intelligent & Manufacturing Systems, September 15-17, 2010, Sarajevo, Bosnia
* International Conference on Industrial Engineering and Operations Management (IEOM 2011), January 22-24, 2011, Kuala Lumpur, Malaysia.
* 14th International Conference on Machine Design and Production, 3-5 September, 2010, Cyprus
* International Conference on Industrial Engineering and Operations Management (IEOM 2012), July, 3-6, 2012, Istanbul, Turkey.
* 8th International Conference on Intelligent & Manufacturing Systems, September 27-28, 2012, Antalya, Turkey.
* WASET, World Academy of Science and Engineering Conferences-2012-2017.
* ASTEC 2014, Asian Simulation Technology Conference, March 10-12, 2014, Singapore Polytechnic, Singapore.
* Technical Committee of SCIEI, the 4th International Conference on Manufacturing Engineering and Process (ICMEP 2015), Paris, France April 13-14, 2015.
* 8th International Conference on Intelligent & Manufacturing Systems, September 27-28, 2012, Antalya, Turkey.
* Joint International Symposium of 44th Computers & Industrial Engineering (CIE'44) and Intelligent Manufacturing & Service Systems (IMSS'14), October 14-16, Istanbul, Turkey.
* International Conference on Industrial Engineering and Operations Management (IEOM 2015), March, 3-5, 2015, Dubai, UAE.
* International Conference on Industrial Engineering and Operations Management (IEOM 2016), March, 8-10, 2016, Kuala Lumpur, Malaysia.
* International Conference on Industrial Engineering and Operations Management (IEOM 2017), April, 11.13, 2017, Rabat, Morocco.
* ICSRS 2018: 2018 3rd International Conference on System Reliability and Safetyö Barcelona, Spain, November 24-26, 2018
* International Conference on Science, Engineering, and Technology (ICSET), April 6-7, 2019, Istanbul, Turkey.

|  |  |  |
| --- | --- | --- |
| **1.** | **Name Surname** | **: Mehmet ZELKA** |
| **2.** | **Date of birth** | **:** 13.06.1955 |
| **3.** | **Title** | **:** Prof. Dr. |

**4. Education status:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Degree** | **Field** | **University** | **Year** |
|  |  |  |  |
| Undergraduate | Ekonomi- İstatistik | Kara Harp Okulu | 1978 |
|  |  |  |  |
| Master | Ekonomi | Hacettepe University | 1981 |
|  |  |  |  |
| PhD | İktisat | Ankara University SBE | 1986 |
|  |  |  |  |

|  |  |
| --- | --- |
| **5. Academic Titles** |  |
| **Yardımcı Doçent** | : | İktisat, Kara Harp Okulu, 1986 |
| **Doçent** | : | Çalı şma Ekonomisi, Kara Harp Okulu, 1992 |
| **Profesör** | : | Uluslararası İktisat, Mustafa Kemal Üniv., 1998 |

1. **Managed Master’s and Doctoral Theses 6.1 Master Theses**
	* Özlem Kutlu, ''Türkiye'de Kadın Giri şimciliği'', Beykent Ü., 2006
	* Çetin Künyeli, ''Kobiler ve Kobilerin Türkiye Ek onomisi ve İstihdamda Yeri ve Önemi'', Beykent, 2006.
	* Gamze Kagan,’’ İstanbul İli Anadolu Yakasında Merkezi Randevu Sisteminin Hasta Memnuniyeti Açısından De ğerlendirilmesi’’2014-
	* Özlem Sena Eniso ğlu,’’Türkiye’de Sa ğlık Politikalarının ilaç Harcamaları Üzerine Etkisi,’’2014-

**6.2 PhD Theses**

**Books:**

**7.3.1.**ZELKA Mehmet, AskeriİşyerlerindekiİşçilerinİşDeğerlemesi veİşAnalizi, Kara Harp Okulu, Ankara 1991.

**7.3.2.**ZELKA Mehmet, M.SEVİNÇ, Bölgesel Kalkınma, Devran Matbaası,Ankara 1993.

**7.3.3.**ZELKA Mehmet, M.SEVİNÇ, Tarım Ürünleri Talep Esnekliği veİhracat,Devran Matbaası, Ankara 1993.

**7.3.4.**ZELKA Mehmet,İktisadiİşbirliğiİmkanları Açısından Türkiye veİslamÜlkeleri, Mehter Publicationsı, Ankara 1996.

**7.3.5.**ZELKA Mehmet, M.S.CEYHAN, Bütçe Politikaları ve Tür k Bütçe Sistemi,Mehter Publicationsı, Ankara 1997.

**7.4 Articles published in national peer-reviewed journals**

**7.4.1.**ZELKA Mehmet, “Türk Ekonomisinde DışTicaretin Yeri ve Önemi” Kara

Harp Okulu Dergisi”, 1991.

**7.4.2.**ZELKA Mehmet, “Ortadoğu Ülkelerinin İthalat Yapısının Ekonometrik

Analizi” Hacettepe University İktisadi ve İdari Bilimler Fak. Dergisi, Cilt 9/1991.

**7.4.3.**ZELKA Mehmet, “Ortadoğu Ülkelerinin İktisadi Yapısı” Kara Harp Okulu

Dergisi, II,1992

**7.4.4.**ZELKA Mehmet, “Askeri İşyerlerinde İstihdam edilen İşçilerin Ücret

Analizleri” Kara Harp Okulu Dergisi, II, 1992.

**7.4.5.**ZELKA Mehmet, “Ortadoğu Ülkelerinin Ticari Yapısı” Silahlı Kuvvetler

Dergisi, Ankara 1992.

**7.4.6.**ZELKA Mehmet,A.AKGÜL, “Savunma Üretim Teorisi ve Uy gulamaları”

Kara Harp Okulu Dergisi, II, 1992.

**7.4.7.**ZELKA Mehmet, “Akort Ücret Sistemi”, TÜH İS İş Hukuku ve İktisat

Dergisi, Cilt 12 Sayı 9.

**7.4.8.**ZELKA Mehmet,M.SEVİNÇ, “Avrupa Toplulu ğu Rekabet Kuralları”

TÜH İS İş Hukuku ve İktisat Dergisi, Cilt 12 Sayı 10 Ağustos 1992.

**7.4.9.**ZELKA Mehmet, “Askeri İşyerlerinde İstihdam ve Ücret Politikası” Kara

Harp Okulu Dergisi, III, 1993.

**7.4.10.**ZELKA Mehmet, “İşDeğerlemesi Faktör Puan Sistemi ve Askeri İş

Yerlerinde Bir Application” Kara Harp Okulu Dergisi, I II, 1993.

**7.4.11.**ZELKA Mehmet, Eurobond (Avrupa Tahvil) Piyasası”, K ara Harp Okulu

Dergisi, III, 1993.

**7.4.12.**ZELKA Mehmet, “Çevresel Input - Output”, Tüketici D ergisi, Aralık 1997.

**7.4.13.**ZELKA Mehmet, “Türkiye’nin İstihdam Yapısı ve Gelişimi” Yeni

Türkiye, Türk Ekonomisi Özel Sayısı, Year 5, Sayı 27 Ankara, Mayıs-Haziran 1999.

**7.4.14.**ZELKA Mehmet, “Kriz, Ekonomik Gelişme ve DışTicaret”, Yeni Türkiye,

Ekonomik Kriz Özel Sayısı II, Year 7, Sayı 42 Ankara , Kasım-Aralık 2001.

**7.4.2.15.** ZELKA Mehmet, “Hatay’da Nüfus ve İstihdam”, İş Bülteni, Mart 2003.

**7.6. Other Activities**

**7.6.1**. Fizibilite Raporu, ZELKA Mehmet, M.S.CEYHAN, "Hatay HavaFieldıFizibilite Raporu’’, 2004

**7.6.2.** Editör, Kara Harp Okulu Dergisi (Hakemli Dergi), 19 92-1994.

**7.6.3.** MPM Genel Kurul Üyesi(MSB)Temsilcisi, 1988-1991.

**7.6.4.** Türkiye ile ABD arasında yapılan bir uluslararası a ntlaşma görüşmelerindealt grup başkanlığı görevi, 1989.

**7.6.5**. M.S.B. ile Türk Harb-İşSendikası arasında akdedilen 12. TermİşletmeToplu İş Sözle şmesinin hazırlanması ve icrasında Bakanlık yetkili si görevi, 1989.

**7.6.6.** M.S.B. ile Türk Harb-İşSendikası arasında akdedilen 13. TermİşletmeToplu İş Sözle şmesinin hazırlanması ve icrasında Bakanlık yetkili si görevi, 1991.

**7.6.7**. MATİB, Üsküp-Makedonya C. (Makedonya-TürkİşAdamları Birliği) GenelKurul Üyesi(University Temsilcisi)

**7.6.8**. Yeminli Mali Müşavir,İstanbul YMMO Üyesi.

**7.6.9**. Mustafa Kemal University Sosyal Bilimler Enstit üsü Dergisi,DanışmaKurulu Üyesi

**8.Projects**

**8.1**. Fizibilite Raporu, ZELKA Mehmet, M.S.CEYHAN, "Hatay HavaFieldı FizibiliteRaporu’’, 2004

**9. Administrative Duties**

9.1.Üsküdar University, Rektör Yrd. 2011-

9.2.Üsküdar University, Sa ğlık Bilimleri Fakültesi Dekanı, 2011-

9.3.Üsküdar University, Sa ğlık Bilimleri Fakültesi, Sa ğlık Kurumları İşletmeciliği Bölüm Ba şkanı, 2011-

9.4. International Balkan University, Skopje, Macedonia, Kurucu Rektör, 2007,2008

9.5. International Balkan University Rektör Yrd., İİBF.Dekanı, Ekim 2008- Ağ, 2010

9.6- Prof. Dr., International Balkan University, İİBF Dekanı, Haziran 2007-2010

|  |  |
| --- | --- |
| 9.8 - Prof. Dr., Beykent University, | İİBF Dekanı,. Şubat 2004-Eylül 2005 |
| 9.9- Prof. Dr., Beykent University | İşletme Bölüm Ba | şkanı, Şubat 2004-Eylül 2005 |
| 9.10. | Prof. Dr., Mustafa Kemal University, İİBF Ekonomi Bölüm Ba şkanı, 1997-2004 |
| 9.11. | Prof. Dr., Mustafa Kemal University SBE Müd | ürü, 1997-199 |
| 9.12. | Doç. Dr., Ö ğ. Yb., 2. Ordu K.lığı, Eğt. Sb. Yrd., 1994-199 |
| 9.13. | Doç. Dr., Ö ğ. Bnb., K.H.O. Ekonomi Grup Başkanı, 1992-199 |
| 9.14.- Doç. Dr. Ö ğ. Bnb. Polis Akademisi Ekonomi Ö ğretim Üyesi, 1993-1994 |
| 9.15. | Yrd. Doç. Dr. Ö ğ.Bnb.(Yzb.) K.H.O. Ekonomi Ö ğretim Üyesi, 1986-1991 |
| 9.16. | Dr.Ö ğ.Kd.Yzb., MSB İş ve İşçi Münasebetleri Şb.,1987-1991 |
| 9.17. | Dr.Ö ğ.Kd.Yzb. MPM. MSB. Temsilcisi 1987-1991 |
| **10. Memberships to Scientific Organizations** |  |  |
| 10.1. | TASAM Stratejik Öngörü Dergisi Bilim Kurulu Ü | yesi |
| 10.2. | BİLGESAM (Bilge Adamlar Stratejik Araştırmalar Merkezi)Ekonomi Çalı şma |
| Gurubu Üyesi |  |  |
| 10.3. | BİLGESAM (Bilge Adamlar Stratejik Araştırmalar Merkezi) Danışma Kurulu |
| Üyesi |  |  |  |

10.4. Elektronik Sosyal Bilimler Dergisi Hakem Kurulu Üyesi.

10.5. Çanakkale 18 Mart University, Dünya Ünivers iteler Kongresi, 2010, Uluslararası Bilim ve Danışma Kurulu Üyesi

10.6. ASSAM Adaleti Savunanlar Stratejik Araştırmalar Merkezi Ynt. Kur. Bşk. Yrd.

**11. Awards**

11.1.Takdir, 26 Ekim 1981 (Görevdeki üstün ba şarısından dolayı, Kur.Alb.Ahmet ÜNVER, K.H.O.Ö ğretim Başkanı, tarafından)

11.2.Takdir, 20 Aralık 1982 (Ek görev olarak görgü ve protokol kuralları kitabını hazırlanmasındaki katkılarından dolayı, Kur.Alb.O ğuz TURAN, K.H.O. Ö ğretim Başkanı tarafından)

11.3.Para Mükafaatı, 2 Kasım 1983, (Karargah üstün hizmet ödülü, Org.Haydar

SALTIK, K.K.Kom. Yrd. tarafından)

11.4.Takdir, 10 Eylül 1984 (Görev ifasındaki üstün başarısı ve disiplin anlayı şından

dolayı, Kur.Alb.Oğuz TURAN, K.H.O. Ö ğretim Başkanı tarafından)

11.5.Şerit Rozet Beratı, 30 Ocak 1985 (Mesleki İhtisas, Org.Haydar SALTIK, K.K.K.

tarafından)

11.6.Takdirname, 1986 (Ö ğretimde Başarı, Kur.Alb.Aytaç YALMAN, K.H.O. Ö ğretim Başkanı tarafından)

11.7.Takdir, 7 Aralık 1987 (Görevde Ba şarı, Tuğg. Mustafa GÖKGÖZ, M.S.B.

Per.D.Bşk. tarafından)

11.8.Takdir, 8 Ağustos 1988 (Üstün Vazife Anlayı şından dolayı, Tuğg. Mustafa

GÖKGÖZ, M.S.B. Per.D.B şk. tarafından)

11.9.Takdir, 12 Haziran 1989 (Toplu İş Sözle şmesine katkılarından dolayı, Tümg.

Sadullah ÖZBAKIR, M.S.B. Müst. İd. ve İnş. Hiz. Yrd. tarafından)

11.10.Takdir, 6 Ağustos 1991 (Toplu İş Sözle şmesine katkılarından dolayı, Tu ğg.

Yeardıray AKSELLER, M.S.B. Per.D.Bşk. tarafından)

11.11.Takdir, 19 Temmuz 1993 (Eğitim-Ö ğretimde Başarı, Ö ğ.Kd.Alb.Ali TANIR,

K.H.O. Ö ğretim Başkanı tarafından)

11.12.K.K.Komutanlığı Hizmet Anısı, 1996 (K.K.Komutanlı ğında Hizmetlerinden

dolayı, Org.Hikmet KÖKSAL, K.K.K. tarafından)

11.13.Teşekkür, 24 Nisan 2004 (Konferans, Prof.Dr.Yusuf Ziya İRBEÇ,Beykent

Ü.Rektörü tarafından)

**12. Undergraduate and graduate level courses given in the last two years:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Akademik** | **Dönem** | **Course Name** | **Weekly Time** | **Ö ğrenci** |
| **Year** |  |  | **Teori** | **Application** | **Sayısı** |
|  | Fall | Microeconomics | 3 | 2 | 20 |
| 2009-2010 |  | Principles of Economics I | 3 | 2 | 75 |
| Spring | Macroeconomics | 3 | 2 | 20 |
|  |  | Principles Of Economics II | 3 | 2 | 75 |
| 2012-2013 | Fall | Sa ğlık Ekonomisi | 3 | - | 6 |
|  |  | (Yüksek Lisans) |  |  |  |
|  |  | Seminer | 3 | - | 6 |
| 2013-2014 | Fall | Sa ğlık Ekonomisi | 3 | - | 23 |
|  |  | (Yüksek Lisans) |  |  |  |
|  | Spring | Yönetim Ekonomisi | 3 | - | 26 |
|  |  | (Yüksek Lisans) |  |  |  |

1. **Name-Surname** : BURHAN PEKTAŞ
2. **Date of Birth** : 01.01.1975
3. **Title** : Prof. Dr.

**Contact**

E-posta : burhan.pektas@uskudar.edu.tr

1. **Education Status**

|  |  |  |  |
| --- | --- | --- | --- |
| **Degree** | **Field** | **University** | **Year** |
| Undergraduate | Maths | Kocaeli University | 1998 |
| Master | Maths | Kocaeli University | 2002 |
| PhD | Maths | Kocaeli University | 2006 |

1. **Academic Titles**

|  |  |  |  |
| --- | --- | --- | --- |
| **Title** | **Field** | **University** | **Year** |
| Prof. | Maths | Üsküdar University | 2021 |
| Doçentlik | Maths | İzmir University | 2011 |
| Dr. Öğretim Üyesi | Maths | Kocaeli University | 2007 |

1. **Managed Master’s and Doctoral Theses**
2. **Publications**
	1. **Articles published in international peer-reviewed journals (SCI & SSCI & Arts and Humanities)**
		1. Çatak M., Pektaş B., Identification of a harmonically varying external source in wave equation from Neumann-type boundary measurement, Journal of Inverse and Ill-posed Problems, (2020), (), 1-14, .
		2. PEKTAŞ B., Ege T., The heat flux identification problem for a nonlinear parabolic equation in 2D, JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, (2017), (), 354-368, .
		3. PEKTAŞ B., Comparative numerical analysis of identi cation problems related to nonlinear transport diffusion model of a settler, Inverse Problems in Science and Engineering, (2015), (), 232-247, .
		4. PEKTAŞ B., Alemdar H., A unified approach to identifying an unknown spacewise dependent source in a variable coefficient parabolic equation from final and integral overdeterminations, Applied Numerical Mathematics, (2014), 78(), 49 - 67, .
		5. PEKTAŞ B., Identification of an unknown time-dependent heat source term from overspecified Dirichlet boundary data by conjugate gradient method, Computers and Mathematics with Applications, (2013), (), 42-57, .
		6. PEKTAŞ B., Hasanoğlu A., Pektaş B., Comparative analysis of inverse coefficient problems for parabolic equations Part II Coarse fine grid algorithm, Special Issue IPMS-2010 of the journal "Inverse Problems in

Science and Engineering, (2011), 19(5), 617 - 632, .

* + 1. PEKTAŞ B., Hasanoğlu A., Comparative analysis of inverse coefficient problems for parabolic equations Part III Conjugate Gradient Method and Coarse Fine Grid Algorithm, Special Issue IPMS-2010 of the journal "Inverse Problems in Science and Engineering, (2011), 19(5), 633 - 657, .
		2. PEKTAŞ B., Hasanoğlu A., Comparative analysis of inverse coefficient problems for parabolic equations Part III Conjugate Gradient Method and Coarse Fine Grid Algorithm, Special Issue IPMS-2010 of the journal "Inverse Problems in Science and Engineering, (2011), 19(5), 633 - 657, .
		3. PEKTAŞ B., Identification of unknown diffusion coefficient in pure diffusive linear model of chronoamperometry II Numerical implementation, Journal of Mathematical Chemistry, (2010), (), 508 - 520, .
		4. PEKTAŞ B., An analysis of nonlinear ion transport problem including arbitrary valences of oxidized and reduced species, Journal of Mathematical Chemistry, (2010), (), 1248 - 1262, .

PEKTAŞ B., An analysis of nonlinear ion transport model including diffusion and migration, Journal of Mathematical Chemistry, (2010), (), 1188 - 1202, .

* + 1. PEKTAŞ B., An adjoint problem approach and coarse fine mesh method for identification of the diffusion coefficient in a linear parabolic equation, Journal of Inverse and Ill-Posed Problems, (2006), (), 435 - 463, .
		2. PEKTAŞ B., Simulation of Ill Conditioned Situations in Inverse Coefficient Problem for the Sturm Liouville Operator Based on Boundary Measurements, Mathematics and Computers in Simulation, (2002), (), 47 - 52, .
	1. Articles published in other international peer-reviewed journals
		1. PEKTAŞ B., Determination of unknown coefficients in a nonlocal parabolic problem from Neumann type boundary measured data, Advances in Dynamical Systems and Applications, (2010), (), 215 - 230, .
		2. PEKTAŞ B., Recovering the spatial distribution of a groundwater contaminant at a prior time The forward collocation method, Mathematical and Computer Modeling, (2009), (), 631 - 643, .
		3. PEKTAŞ B., Modeling and computer simulation of the identification problem related to the sludge concentration in a settler, Mathematical and Computer Modeling, (2009), (), 843 - 855, .
	2. International books or chapters in books written
	3. Articles published in national peer-reviewed journals
	4. Ulusal bilimsel toplantılarda sunulan bildiri kitabında basılan bildiriler
	5. Other Publications
1. Projects
2. Administrative Duties
3. Dekan Yardımcısı / Vice Dean - Mühendislik ve Doğa Bilimleri Fakültesi (2021-Devam Ediyor)
4. Bölüm Başkan Yardımcısı / Deputy Head of Department - Bilgisayar Mühendisliği (İngilizce) Bölüm Başkan Yardımcısı (2020-Devam Ediyor)

12. Undergraduate and graduate level courses given in the last two years

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Akademic Year** | **Term** | **Course Name** | **Weekly Time** | **Öğrenci Sayısı** |
| **Theoric** | **Application** |
| **2020-2021** | Spring | Optimizasyon Yöntemleri **(Yüksek Lisans)** - 1 Grup | 3 | 0 | 15 |
| Graduation Thesis **(Lisans)** - 1 Grup | 0 | 0 | 10 |
| Calculus II **(Lisans)** - 3 Grup | 3 | 2 | 591 |
| Calculus I (Summer Okulu) **(Lisans)** - 1 Grup | 3 | 2 | 26 |
| Numerical Analysis (Summer Okulu)**(Lisans)** - 1 Grup | 3 | 0 | 2 |
| Matematik II **(Lisans)** - 2 Grup | 3 | 2 | 87 |
| University Culture II **(Lisans)** - 1 Grup | 0 | 2 | 194 |
| Fall | University Culture I **(Lisans)** - 1 Grup | 0 | 2 | 201 |
| Optimization Techniques **(Lisans)** -1 Grup | 3 | 0 | 29 |
| Graduation Project **(Lisans)** - 1 Grup | 2 | 0 | 10 |
| Calculus I **(Lisans)** - 4 Grup | 3 | 2 | 690 |
| Matematik I **(Lisans)** - 1 Grup | 3 | 2 | 117 |
| **2019-2020** | Spring | Calculus II **(Lisans)** - 4 Grup | 3 | 2 | 306 |
| Mathematics **(Lisans)** - 1 Grup | 3 | 0 | 11 |
| Numerical Analysis **(Lisans)** - 1 Grup | 3 | 0 | 64 |
| Matematik II **(Lisans)** - 1 Grup | 3 | 2 | 74 |
| Graduation Thesis **(Lisans)** - 1 Grup | 0 | 0 | 2 |
| Fall | Calculus I **(Lisans)** - 3 Grup | 3 | 2 | 282 |
| Matematik I **(Lisans)** - 1 Grup | 3 | 2 | 86 |

 **1. Name-Surname :** Hasan ÇİÇEK

**2. Place of Birth, Date:** Adıyaman /Gerger 1959

**3. Title :** Dr. Öğretim Üyesi

**4. Education status :** PhD

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Degree** |  |  | **Field** | **University** |  |  | **Year** |
|  |  |  |  |  |  |  |  |  |
|  | Undergraduate |  |  | Tekstil Mühendisliği | Leeds University (İngiltere) |  |  | 1982 |
|  | PhD |  |   | Tekstil Mühendisliği |  Leeds University  ( İngiltere) |  |  | 1986 |
| **5. Akademic Title:** |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  | **Degree** |  | **Field** |  | **University** |  | **Year** |
|  |  |  |  |  |  |  |  |
|  | Dr.  |  | Industrial Engineering |  | Üsküdar University |  | 2014-Devam |

1. **Managed Master’s and Doctoral Theses**

‘Ergonomik faktörlerin çalışan verimliliğine olan etkisi’ adlı Yüksek Lisans tez Danışmanlığı , Apdurrahman ÇAĞDAŞ, Üsküdar University- Fen Bilimleri Enstitüsü- 2019

‘ Kalite Kontrol Sisteminin şirketlerdeki önemi ‘ adlı Yüksek Lisans Tez danışmanlığı , Ali Tuğrul TÜRE, Çukurova University- Fen Bilimleri Enstitüsü 1995

‘ISO 9001 Kalite Yönetim Sisteminin firmalarda uygulanması’ adlı Yüksek Lisans Tez danışmanlığı , Seyit Ali GÜL, Çukurova University –Fen Bilimleri Enstitüsü -1995

**7. Publications**

**7.1. Articles Published in International Refereed Journals (SCI & SSCI & Arts and Humanities, Scopus)**

H.Çiçek ‘ **Effects of Mulfunctions in supply chain management on companys revenues’,** Internatioanl Journal of Supply Chain Management , Vol :9, NO:5 , October 2020  (SCOPUS)

M.Savsar, H.Çiçek **‘ Analysis of effects of some factors on performance on a dental clinic’,** European Journal of Science and Technology, Special  Issue  pp 335-344, November 2020

M.Savsar, H.Çiçek’  **Analysis and improvement of maintenance operations in a canned factory ‘** European Journal of Science and Technology, Special  Issue  pp , November 2021 ( kabul edildi yayınlanacak)

M.Savsar, H.Çiçek’  **Analysis and improvement of  Production planning in a food  factory ‘** European Journal of Science and Technology, Special  Issue  pp , November 2021 ( kabul edildi yayınlanacak)

**H.Çiçek, M.Savsar** (2019). “ Analysis of the effects of factors on performance and efficiency of a dental clinic’ Journal of Helath Care , UK ( yayınlanmak üzere)

**7.3.1. Papers Presented at International Scientific Meetings**

**H.Çiçek**  (2017). ”**Education for sustainable development : A route map for TURKEY** , International conference on social scince, arts, business and education , 16-17 August 2017, Venice-Italy.

**H.Çiçek** (2018) ‘ **Diffuculties and solution proposals relevant in the application of ISO 9001:2015** **Quality Management Systems standrds to small and medium sized companies**

8 th International Conference on information communication and management (ICICM 2018) 23-24 August 2018 Edinburg / UK.

**H.Çiçek** (2019) ‘ **Effects of Malfunctions in supply chain Management on companys revenues’**

5th International Congress / 12-13 September 2019- Budapeşte/Macaristan

**7.5. Articles Published in National Refereed Journals**

H.Çiçek, E.Bulak ‘ **KOBİ’ lerde bir motivasyon aracı olarak Liderlik ve Öneriler’  ,**Sosyal Bilimler  Araştırma Dergisi, Eylül 2020, 9(3), Sayfa 21-30

**H.Çiçek**, **A.Çağdaş** (2020) ‘ **Ergonomik faktörlerin çalışan performansına etkileri’** OHS Academy Dergisi

**7.6. Papers Presented and Published at International Scientific Meetings**

Ekim 2020   4 th International Symposium on Multidisplinary studies and ınnovative Technologies (ISMSIT 2020)

Ekim 2020   5 th International Symposium on Multidisplinary studies and ınnovative Technologies (ISMSIT 2021)

**7.7 Papers Published at National Scientific Meetings**

1. **Projects**

Türkiye’ nin en büyük firmalarında yönetim sistemleri kurma ve süreç iyileştirme proje çalışmaları yürütüldü. Bu şirketlerden bazıları :

KORDSA A.Ş. ( Sabancı Holding- Kocaeli-İzmit)

SASA A.Ş. ( Sabancı Holding- Adana)

KİPAŞ HOLDİNG ( K.Maraş)

Çalık Holding ( İstanbul-Malatya)

Türkmen Holding ( İstanbul-Çorlu)

Mogul TEKSTİL ( G.Antep)

**8.1. International Projects**

Türkmenistan’ da Çalık Holding’ e ait TTK ve TJK adlı iki büyük şirkete sistemler kuruldu ve iYeareştirme çalışmaları yapıldı.

**8.2. National Projects**

1. **Administrative Duties**

Sabancı Holding’ te yönetici

Üsküdar University Mühendislik ve Doğa Bilimleri Fakültesinde Industrial Engineering bölüm başkanlığı.

1. **Memberships to Scientific and Professional Organizations**
2. **Awards/Sertifikala**

Şeref Degreesi ile lisans eğitimi

Türk Hükümetinden yurtdışında okuma bursu

British Counsel dan doktora bursu

Certificate of ISO 9001:2015 Quality Management System Lead Auditor

Certificate of communication skills

Certificate of Retailing

Certificate of Marketing

**Undergraduate and graduate courses you have taught in the last two years**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Akademic Year**  | **Term** | **Course Name**  | **Weekly Time**  | **Number of Students** |
| **Theoric**  | **Application**  |
| 2019-2020 | **Fall** | Human Resources Management (Lisans) - 3 Grup | 3 | 0 | 182 |
| Entrepreneurship and Project Culture (Lisans) - 4 Grup | 2 | 0 | 183 |
| Girişimcilik ve Proje Kültürü (Lisans) - 1 Grup | 2 | 0 | 55 |
| **Spring** | Research Methods and Scientific Ethics (Yüksek Lisans) - 1 Grup | 3 | 0 | 7 |
| Research Methods and Scientific Ethics (Yüksek Lisans) - 1 Grup | 3 | 0 | 14 |
| Araştırma Yöntemleri ve Bilimsel Etik (Yüksek Lisans) - 1 Grup | 3 | 0 | 1 |
| Introduction to Industrial Engineering (Lisans) - 2 Grup | 3 | 0 | 128 |
| Summer Practice I (Lisans) - 1 Grup | 0 | 0 | 94 |
| Introduction to Management Systems (Lisans) - 1 Grup | 3 | 0 | 79 |
| Summer Practice II (Lisans) - 1 Grup | 0 | 0 | 62 |
| Mesleki İngilizce II (Lisans) - 1 Grup | 3 | 0 | 2 |
| Graduation Thesis (Lisans) - 1 Grup | 2 | 8 | 40 |
| Entrepreneurship and Project Culture (Lisans) - 1 Grup | 2 | 0 | 40 |
| Entrepreneurship and Project Culture (Lisans) – 2 Grup | 2 | 0 | 149 |
| Girişimcilik ve Proje Kültürü (Lisans) - 3 Grup | 2 | 0 | 229 |
| 2020-2021 | Fall | Research Methods and Scientific Ethics (Yüksek Lisans) - 1 Grup | 3 | 0 | 16 |
| Human Resources Management (Lisans) - 1 Grup | 3 | 0 | 98 |
| Graduation Project (Lisans) - 1 Grup | 2 | 4 | 9 |
| Entrepreneurship and Project Culture (Lisans) – 2 Grup | 2 | 0 | 312 |
| Girişimcilik ve Proje Kültürü (Lisans) - 3 Grup | 2 | 0 | 62 |
| Spring | Scientific Research Methods and Scientific Ethics (Yüksek Lisans) - 2 Grup | 3 | 0 | 56 |
| Introduction to Industrial Engineering (Lisans) - 1 Grup | 3 | 0 | 119 |
| Special Topics in Industrial Engineering (Lisans) - 1 Grup | 3 | 0 | 36 |
| Graduation Project (Lisans) - 1 Grup | 2 | 0 | 11 |
| Entrepreneurship and Project Culture (Lisans) – 2 Grup | 2 | 0 | 328 |
| Girişimcilik ve Proje Kültürü (Lisans) - 3 Grup | 2 | 0 | 70 |
| Summer | Ergonomics (Summer Okulu) (Lisans) - 1 Grup | 3 | 0 | 7 |

**Contact Information**

**Adres:** Üsküdar University, Haluk Türksoy sok. No: 14 34662-Altunizade, Istanbul, Turkey

**E-mail:** hasan.cicek@uskudar.edu.tr; **Tel:** + 90 216 400 2222

**1. Name Surname:** Orkun Kozanoğlu

**2.      Date of birth:** 19.12.1974

**3.      Titlr:** Yrd.Doç.Dr.

**4.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Degree**  | **Field**  | **University**  | **Year**  |
| Lisans | Industrial Engineering | Doğu Akdeniz University | 1998 |
| Y. Lisans | Industrial Engineering | Boğaziçi University | 2002 |
| Doktora | Industrial Engineering | İstanbul Teknik University | 2009 |

**5.    Academic Titles**

Assistant professor Industrial Engineering Yaşar University 2009-2013

Assistant professor Industrial Engineering İzmir University 2013-2016

**6.   Managed Master’s and Doctoral Theses**

 **6.1  Master Theses**

* 1. **PhD Theses**

**7.      Publications**

**7.1  Articles published in international peer-reviewed journals**

Kozanoğlu O. and Skuka A., (2019) “A Fuzzy Model for Cross-functional Team Formation based on Personality Traits”, *IOSR Journal of Mathematics (IOSR-JM),* Volume 15, Issue 3 Ser. I (May – June 2019), PP 63-74

Ince, M., Kozanoğlu O. and Demir M.H., (2011) “The Heckscher-Ohlin Trade Theory and Technological Advantages: Evidence from Turkey and USA”, *Asian Transactions on Basic & Applied Sciences Journal*, 01(04), 17-21

**7.2  Papers presented at international scientific meetings and published in the proceedings book**

Kozanoğlu, O. and Özok, A. F., A Fuzzy Quality Function Deployment Model for Personnel Selection under Ergonomics Considerations, *Proceedings of the 35th International Conference on Computers & Industrial Engineering*, July 19-22, 2005.

Kozanoğlu, O. and Özcan, S., A mathematical model for optimizing team composition with respect to personality traits, *Proceedings of the* *5th International Conference on Business, Management and Economics*, October 2009.

Kozanoğlu, O. and Özok, A. F., An application of Fuzzy Quality Function Deployment for personnel selection problem, *Proceedinss of the* *1st International Fuzzy Systems Symposium*, October 1-2, 2009.

Yurtseven, M. K., Kozanoglu O., Bekar, E. and Buchanan, W. W., Some Educational Issues in Operations Management and Service Systems, *PICMET '14 Conference*, July 27 - 31, 2014.

**7.3  International books or chapters in books written**

**7.4  Articles published in national peer-reviewed journals**

**Bulak, M.E.,** Kozanoglu, O., Aydogduoglu, S., Gocer, F., Algul, R. (2021). “Benchmarking Usability Performance of E-Commerce Websites with AHP and TOPSIS Methods.” *European* *Journal of Science and Technology*, Special Issue, pp. 493-509.<https://doi.org/10.31590/ejosat.963658>

Kozanoğlu O. ve Özok, A. F., (2010), Kalite Fonksiyonu Açınımında bulanık insan kaynakları atama modeli, *İTÜ dergisi,* Vol. 9(5).

Kozanoğlu O. ve Özok A. F., 2009, Takım lideri seçiminde bulanık Kalite Fonksiyonu Açınımı modeli Applicationsı, *Yaşar University E-dergisi*, Vol. 15.

Kozanoğlu O. ve Özok A. F., 2009, Takım kompozisyonu optimizasyonu için bir hedef programlama modeli, *Yaşar University E-dergisi*, Vol. 16.

**7.5  Papers presented at national scientific meetings and published in the proceedings book**

Pak, B. K., Kozanoğlu O, ve Yurtseven, K., Endüstri/Sistem Mühendisliği Lisans Ders

Programları İnceleme ve Karşılaştırması, *YAEM 2016*, 13-15 Temmuz, 2016

**7.6  Other Publications**

**8.      Projects**

**9.      Administrative Duties**

Yaşar University Mühendislik Fakültesi Dekan Yardımcılığı2009 – 2012

Eğitim Komisyonu Üyeliği 2009 – 2012

**11.  Awards**

Doğu Akdeniz University 1998 Mezunları Bölüm Birinciliği

**12.  Undergraduate and graduate level courses given in the last two years:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **Course Name** | **Weekly Time** | **Number of Students** |
|  |  |  | **Theoric** | **Application** |
| **2019-2020** | **Fall** | Lean & Agile Business Systems | 3 | 0 | 7 |
| Financial & Managerial Accounting | 3 | 0 | 16 |
| Operations Research I | 3 | 2 | 98 |
| **Spring** | Special Topics in IE | 3  | 0 | 41 |
| Supply Chain Management | 3 | 0 | 3 |
| Operations Research II | 3 | 2 | 107 |
| Integer & Dynamic Programming | 2 | 2 | 32 |
| **2020-2021** | **Fall** | Mathematical Modelling | 3 | 0 |  |
| Operations Research I | 3 | 2 |  |
| Cost Analysis | 3 | 0 |  |
| Graduation Project | 2 | 4 |  |
| **Spring** | Operations Research II | 3 | 2 |  |
| Supply Chain Management | 3 | 0 |  |
| Lean and Agile Production Systems | 3 | 0 |  |
| Graduation Project | 2 | 4 |  |
| **Summer** | Operations Research I | 3 | 2 |  |

**Name Surname :** Osman Murat Anlı

**Date of birth :**31.03.1972

**Academic Title :**  Dr. Öğr. Üyesi

|  |  |  |  |
| --- | --- | --- | --- |
|  **Degree** |  **Field** |  **University** | **Year** |
|  Lisans |  Industrial Engineering |  İstanbul Teknik Ünivesitesi | 1994 |
|  Y. Lisans |  Yöneylem Araştırması ve İstatistik |  Rensselaer Polytechnic Institute | 1997 |
|  Doktora |  İmalat Mühendisliği |  Boston University | 2003 |

**Academic Titles :**

 **Assistant Professorship History:** Ekim 2008

**Foreign Languages Known:**

İngilizce (yüksek lisans ve doktora Degreeleri İngilizcenin anadil olarak konuşulduğu A.B.D.’nde alınmıştır)

**Managed Master’s and Doctoral Theses**

 **Master Theses:**

 Zeynep Kaplan, A Computer Aided Learning Application in Industrial Engineering (2013)

 **PhD Theses:**

 Yönetilmiş doktora tezi yoktur.

**Publications**

 **Articles published in international peer-reviewed journals:**

Anlı, O.M., Caramanis, M.C., and Paschalidis, I.Ch.; *Tractable Supply Chain Production Planning, Modeling Nonlinear Lead Time And Quality Of Service Constraints*; Journal of Manufacturing Systems, vol 26, no 2, pp 116-134, 2007. doi: 10.1016/j.jmsy.2008.05.001

**Papers presented at international scientific meetings and published in the proceedings book:**

Caramanis, M.C., Anlı, O.M., and Paschalidis, I.Ch.; *Supply Chain (SC) Production Planning with Dynamic Lead Time and Quality of Service Constraints*, at the IEEE CDC, Maui, Hawaii, December 9-12, 2003.

Caramanis, M.C., Pan, H., and Anlı, O.M.; *A Closed-Loop Approach to Efficient and Stable Supply-Chain Coordination in Complex Stochastic Manufacturing Systems*, at the 2001 American Control Conference, Arlington, VA, June 25-27, 2001

Caramanis, M.C., Pan, H., and Anlı, O.M.; *Is There a Trade Off Between Lean and Agile Manufacturing? A Supply Chain Investigation*, at the Third Aegean International Conference on Design and Analysis of Manufacturing Systems, May 19-22, 2001, Tinos Island, Greece.

Caramanis, M.C. and Anlı, O.M.; *Modeling Load-Dependent Lead Time Constraints for Efficient Supply Chain Coordination: Convexity Issues*, at the IEEE CDC, AZ, December 7-10, 1999.

Caramanis, M.C., Paschalidis, I.Ch., and Anlı, O.M.; *A Framework for the Decentralized Control of Manufacturing Enterprises*, at the DARPA-JFACC Symposium on Advances in Enterprise Control, San Diego, CA, November 15-16, 1999.

Caramanis, M.C. and Anlı, O.M.; *Dynamic Lead Time Modeling for JIT Production Planning*, presented at the IEEE International Conference onRobotics and Automation, Detroit, MI, May 10-15, 1999.

Caramanis, M.C. and Anlı, O.M.; *Manufacturing Supply Chain Coordination through Synergistic Decentralized Decision Making*, presented at the Rensselaer's International CAICIM, Troy, NY, October 7-9, 1998.

Caramanis, M.C. and Anlı, O.M.; *Dynamic Production Planning and Control for Enterprise Integration*, IIE 4th International Workshop on Discrete Event Systems, Cagliari, Italy, August 26-28, 1998.

 **International books or chapters in books written**

Anlı, O.M., Caramanis, M.C., and Paschalidis, I.Ch.; *Supply Chain Production Planning Modeling Facility Lead Time and Quality of Service* in Analysis, Control and Optimization of Complex Dynamic Systems (eds. E.K. Boukas and R.P. Melhamé), 25th anniversary volume, Group for Research in Decision Analysis, pp 105-143, Kluwer Academic Publishers, 2005. doi: 10.1007/0-387-25477-3\_5

**Administrative Duties:**

Sürekli Eğitim Merkezi Müdürü (2012-2014)

Meslek Yüksek Okulu Müdürü (2013-2017)

SağlıkHizmetleri Meslek Yüksek Okulu Müdür Vekili (2013-2017)

**Undergraduate and graduate level courses given in the last two years:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Akademik** | **Dönem** |  **Course Name** | **Weekly Time** | **Öğrenci** |
| **Year** | **Theoric** | **Application** | **Sayısı** |
| 2019-2020 | Fall | Probability | 2 | 2 | 104 |
| Manufacturing Systems Analysis | 3 | 0 | 95 |
| Ergonomics | 3 | 0 | 71 |
| Introduction to System Dynamics | 2 | 2 | 35 |
| Bahar | Introduction to Algorithms and Programming | 2 | 2 | 156 |
| Management Information Systems | 2 | 0 | 56 |
| Numerical Analysis | 3 | 0 | 101 |
| Statistics | 3 | 0 | 102 |
| 2020-2021 | Fall | Probability | 2 | 2 |  |
| Manufacturing Systems Analysis | 3 | 0 |  |
| Ergonomics | 3 | 0 |  |
| System Dynamics | 3 | 0 |  |
| Differential Equations | 2 | 2 |  |
| Bahar | Introduction to Algorithms and Programming | 2 | 2 |  |
| Numerical Analysis | 3 | 0 |  |
|  | Summer | Manufacturing Systems Analysis | 3 | 0 |  |

|  |  |
| --- | --- |
| **1. Name-Surname** | **: Muhammet Enis BULAK** |
| **2.** | **Place of Birth, Date** | **:** Istanbul, 1986 |
| **3.** | **Title** | **:** Dr.  |

**4. Öğrenim Durumu :** Doktora

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Degree** |  |  | **Field** | **University** |  |  | **Year** |
|  |  |  |  |  |  |  |  |  |
|  | Undergraduate |  |  | Industrial Engineering | Fatih University |  |  | 2010 |
|  | Master |  |  | Industrial Engineering | Fatih University |  |  | 2012 |
|  | PhD |  |  | Industrial Engineering |  İstanbul University |  |  | 2018 |
| **5. Akademik Ünvanlar:** |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  | **Degree** |  | **Field** |  | **University** |  | **Year** |
|  |  |  |  |  |  |  |  |
|  | Dr.  |  | Industrial Engineering |  | Üsküdar University |  | 2019-Devam |

1. **Managed Master’s and Doctoral Theses**

**7. Publications**

**7.1. Articles published in international peer-reviewed journals (SCI & SSCI & Arts and Humanities)**

**Bulak, M.E.**, and TurkYearmaz, A. (2014). “Performance assessment of manufacturingSMEs: a frontier approach” *Industrial Management and Data Systems*. http://dx.doi.org/10.1108/IMDS-11-2013-0475

Abdella, Galal M., Kucukvar, M., Onat, N. C., Al-Yafay, Hussein M., **Bulak, M.E.** (2020). “Sustainability Assessment and Modeling based on Supervised Machine Learning Techniques: The Case for food consumption” *Journal of Cleaner Production, Vol. 251, No.1* <https://doi.org/10.1016/j.jclepro.2019.119661>

**Bulak, M.E.,** Kucukvar, M. (2021). “How ecoefficient is European Food Consumption? A frontier-based multiregional input-output analysis.” Sustainable Development Wiley, (In Press).

Abdella, G. M., Kucukvar, M., Kutty, A. A., Abdelsalam, A. G., Sen, B., **Bulak, M. E.,** & Onat, N. C. (2021). **“**A novel approach for developing composite eco-efficiency indicators: The case for US food consumption.” Journal of Cleaner Production, 299, 126931.

https://doi.org/10.1016/j.jclepro.2021.126931

**Bulak, M.E.,** Sezgin, F.H. (2021). **“**Data Driven Usability Assessment Model: A Casual Analytic Approach**”** *International Journal of Innovation and Technology Management*, (In Press).

Kucukvar, M., Alawi K.A., Abdella G.M., **Bulak, M.E.,** Onat, N.C., Bulu, M., Yalcintas, M. (2020). “A frontier-based managerial approach for relative sustainability performance assessment of the world's airports. *“ Sustainable Development, 1–19.* https://doi.org/10.1002/sd.213416.

**7.2. Articles Published in Other International Refereed Journals**

**Bulak, M.E.**, Turkyilmaz, A., Satir, M., Shoaib, M., and Shahbaz, M. (2016). “Measuring thePerformance Efficiency of Turkish Electrical Machinery Manufacturing SMEs withFrontier Method.” *Benchmarking: an International Journal, Vol. 23, No.7* <http://dx.doi.org/10.1108/BIJ-09-2015-0089>

TurkYearmaz, A., **Bulak, M.E.** and Zaim, S. (2015). “Assessment of TQM Practices as a Part of Supply Chain Management in Healthcare Institutions.” *International Journal of Supply* *Chain Management.* http://ojs.excelingtech.co.uk/index.php/IJSCM/article/view/1123

**7.3.1. Papers Presented at International Scientific Meetings**

**Bulak, M.E.,** Aljazzazy, Z., Albelbeisi, A. (2021). “Assesment of Desalination Techniques in Water Purification by Multi-Criteria Decision-Making Approach” ISPEC 10th International Conference on Engineering & Natural Sciences, pp. 204-214.

Savsar, M., **Bulak, M.E. (2021). “**Process Analysis and Improvement in a Manufacturing Company**”** ISPEC 10th International Conference on Engineering & Natural Sciences, pp. 215-232.

Kutty, A.A., Al-Jurf, N., Naser, A.F., Kucukvar, M., Ayad, H., Al-Obadi, M., Abdella, G.M., **Bulak, M.E.,** Elkharaz, J.M. (2021). “Optimizing University Campus Shuttle Bus Congestion Focusing on System Effectiveness and Reliability: A Combined Modeling Based-Routing Approach.” *In Proceedings of the International Conference on Industrial Engineering and Operations Management,* Sao Paulo, Brazil, pp. 5-8.

Elhmoud, E.R., Kutty, A.A., Abdalla, G.M., Kucukvar, M., **Bulak, M.E.,** Elkharaz, J.M., (2021). “Eco-Efficiency Performance of Airlines in Eastern Asia: A Principal Component Analysis Based Sustainability Assessment.” *In Proceedings of the 11th Annual International Conference on Industrial Engineering and Operations Management,* Singapore, pp. 7-11.

Al-Obadi, M., Kutty, A.A., Abdella, G.M., Kucukvar, M., **Bulak, M.E.** (2021). “Carbon Footprints across the Food Supply Chain: A Microscopic Review on Food Waste-Related Sustainability Assessment.” In *Proceedings of the 11th Annual International Conference on* *Industrial Engineering and Operations Management,* pp. 7-11.

**Bulak, M.E.,** Turkyilmaz, A., Demirel, O.F. and Satir, M. (2013). ”Performance Efficiencyof Turkish Manufacturing SMEs using DEA” 26th European Conference on Operational

Research, July 1-4, 2013, Rome, Italy.

Nada, N., Turkyilmaz, A., Polat, E. And **Bulak, M.E.** (2012). “An Assessment of Innovation Practices in Turkish SMEs” TIIM – Technology, Innovation, and Industrial Management 2012 Conference, May 22-25, 2012, Lublin, Poland.

**7.5. Articles Published in National Refereed Journals**

**Bulak, M.E.,** Sezgin, F.H., Ciftci, F.S. (2021).” Relative Sustainability Analysis of Global-Scale Airports.” Pamukkale University Journal of Engineering Science, Vol. 27, No.4, 504-512. DOI: 10.5505/pajes.2021.06332

**Bulak, M.E.,** Kozanoglu, O., Aydogduoglu, S., Gocer, F., Algul, R. (2021). “Benchmarking Usability Performance of E-Commerce Websites with AHP and TOPSIS Methods.” *European* *Journal of Science and Technology*, Special Issue, pp. 493-509.<https://doi.org/10.31590/ejosat.963658>

Supciller, A.A., **Bulak, M.E.** (2020). “Performance Evaluation of Mobile Applications with Data Envelopment Analysis” *GUSTIJ, Vol. 10, No.3* https://doi.org/10.17714/gumusfenbil.621653

Savsar, M., **Bulak, M.E.,** Kozanoglu, O. (2020). “Optimization of Surgical Schedules at a Specialist Hospital: A Case Application.” *European Journal of Science and Technology, Special Issue*, pp. 232-239. https://doi.org/10.31590/ejosat.821953

TurkYearmaz, A., Okay, S.,Temizer, L. and **Bulak, M.E.** (2012). *”* Analysis of TQM Effects on Business Performance of SMEs in Denizli*” Journal of Economics, Business Administration, International Relations and Political Science.*

TurkYearmaz, A., Okay, S.,Temizer, L. and **Bulak, M.E.** (2012). *”* Analysis of TQM Effects on Business Performance of SMEs in Denizli*” Journal of Economics, Business Administration, International Relations and Political Science.*

Supciller, A.A ve **Bulak, M.E.** (2020). “Mobil Applicationların Performanslarının Veri Zarflama Analizi ile Değerlendirilmesi” *Gümüşhane University Fen Bilimleri Enstitüsü Dergisi, In Press.*

Cicek, Hve **Bulak, M.E.** (2020). “KOBİ’lerde Bir Motivasyon Aracı Olarak Liderlik ve Öneriler” *Sosyal Bilimler Araştırma Dergisi, In Press.*

**7.6. Papers Presented and Published at International Scientific Meetings**

Kus, H.T., **Bulak, M.E.,** TurkYearmaz, A. and Pastuszak, Z. (2018). “DEA Supported ANN Approach to Operational Efficiency Assessment of SMEs” To Know Pres, 7,1, pp. 605-612.

TurkYearmaz, A., Kantar, S., **Bulak, M.E.** and Uysal, O. (2015). “User Experience Design: Aesthetics or Functionality?” To Know Press, 4, 1, pp. 559-565.

BFieldeji, S.G., Turkyilmaz, A., Temizer, L. and **Bulak, M.E.** (2013). “Analysis of Open Innovation Systems.” Econ Papers, No. 13, Jan. 2013, pp. 731-737.

**7.7 Papers Published at National Scientific Meetings**

**Bulak, M.E.**, Temizer, L., BFieldeji, S.G., TurkYearmaz, A. and Satir, M. (2013). “MarketAnalysis of SMEs from Food Sector: Structural Equation Model” Production Research Symposium, Sakarya, Turkey.

**8. Projects**

**9. Administrative Duties**

Industrial Engineering Bölüm Başkan Yardımcısı **(2020-Devam)**

**10.Memberships to Scientific and Professional Organizations**

**11.Awards/Sertifikalar**

European Union Grant for Semester Abroad Education

Certificate of ISO 9001:2015 Quality Management System Lead Auditor

Certificate of Enterprise Resource Planning (ERP)-SAP

Certificate of Project Management with MS Project

Certificate of Retailing

Certificate of Broker and Marketing

**12. Undergraduate and graduate level courses given in the last two years:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Class** **Code** | **Class** **Name** | **Institution** | **Role** | **Level** |  |
|  |  |  |  |  |  |  |
| **IE 248** | **Decision Making Techniques** | Üsküdar University | Instructor | Undergraduate |
| **IE 341** | **Project Management** | Üsküdar University | Instructor | Undergraduate |
| **IE 325** | **Production and Inventory Control** | Üsküdar University | Instructor | Undergraduate |
| **COME 411** | **System Analysis and Design** | Üsküdar University | Instructor | Undergraduate |
| **RCUL 102** | **University Culture II** | Üsküdar University | Instructor | Undergraduate |
| **IE 492** | **Graduation Thesis** | Üsküdar University | Instructor | Undergraduate |
| **IE 325** | **Production and Inventory Control** | Üsküdar University | Instructor | Undergraduate |
| **IE 305** | **System Simulation** | Üsküdar University | Instructor | Undergraduate |
| **COME 312** | **User Interface Design** | Üsküdar University | Instructor | Undergraduate |
| **IE 211** | **Engineering Economics** | Üsküdar University | Instructor | Undergraduate |
| **IE 491** | **Graduation Project I** | Üsküdar University | Instructor | Undergraduate |
| **RCUL 101** | **University Culture I** | Üsküdar University | Instructor | Undergraduate |
| **MATH 203** | **Differential Equations** | Üsküdar University | Instructor | Undergraduate |
| **COME 312** | **User Interface Design** | Üsküdar University | Instructor | Undergraduate |
| **COME 411** | **System Analysis and Design** | Üsküdar University | Instructor | Undergraduate |
| **IE 305** | **System Simulation** | Üsküdar University | Instructor | Undergraduate |
| **IE 325** | **Production and Inventory Control** | Üsküdar University | Instructor | Undergraduate |
| **IE 492** | **Graduation Thesis** | Üsküdar University | Instructor | Undergraduate |
| **MATH 203** | **Differential Equations** | Üsküdar University | Instructor | Undergraduate |
| **RCUL 101** | **University Culture I** | Üsküdar University | Instructor | Undergraduate |
| **COME 411** | **System Analysis and Design** | Üsküdar University | Instructor | Undergraduate |
| **IE324** | **Engineering Management** | Üsküdar University | Instructor | Undergraduate |
| **IE406** | **Engineering Project Management** | Üsküdar University | Instructor | Undergraduate |
| **IE 492** | **Graduation Thesis** | Üsküdar University | Instructor | Undergraduate |
| **RCUL 102** | **University Culture II** | Üsküdar University | Instructor | Undergraduate |
| **IE 305** | **System Simulation** | Üsküdar University | Instructor | Undergraduate |
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**Contact Information**

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**E-mail:** muhammetenis.bulak@uskudar.edu.tr;

**Tel:** + 90 216 400 2222

**1.   Name Surname: Münire Berna Beşkese**

**2.      Date of birth:** 14.08.1970

**3.      Title:** Dr.

**4.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Degree**  | **Field**  | **University**  | **Year**  |
| Undergraduate | Industrial Engineering | İstanbul Teknik University | 1993 |
| Master  | Industrial Engineering | İstanbul Teknik University | 1996 |
| PhD | Industrial Engineering | İstanbul Teknik University | 2005 |

**5.     Akademic Titles:**

**6.     Managed Master’s and Doctoral Theses**

 **6.1.  Master Theses**

 **6.2.  PhD Theses**

**7.     Publications**

 **7.1.  Uluslararası hakemli dergilerde yayınlanan makaleler (SCI & SSCI & Arts and Humanities)**

CALISIR, F., BAYRAKTAR, C. A. ve BESKESE, B., 2001, “Implementing the ISO 9000 standards in Turkey: A study of large companEMs’ satisfaction with ISO 9000”, *Total Quality Management*, **12:4**, pp. 429-438.

 **7.2. Articles published in other international peer-reviewed journals**

 **7.3. Papers presented at international scientific meetings and published in the proceedings books**

BEŞKESE, M. B., ALPTEKİN, B., IŞIKOĞLU, B., SANCAR, S., AYHAN, T., EROĞLU, Z. 2016, “Fiziksel ve Duygusal Şiddetin Çocuğun Allah(c.c.)’a Ulaşmasına Etkisi”, Uluslararası Erken Çocukluk Eğitimi Kongresi

BESKESE, M. B., KARACOLAK, M. B., KARACA, E., BAYKAL, A., 2005. Does the Industrial Engineering program of Istanbul Technical University improve the students’ personality characteristics necessary for being a successful manager?, Proceedings of the 35th International Conference on Computers and Industrial Engineering, June 19-22, Istanbul, Turkey, pp.287-290.

BESKESE, M. B., TANYAS, M., 2005. Appropriate technique selection model for evaluation of information technology investments, Proceedings of the 35th International Conference on Computers and Industrial Engineering, June 19-22, Istanbul, Turkey, pp.291-296.

ÖREN, N., TOSUN, O. K., GÜNGÖR, A., DIBEEHI, Q., BEŞKESE, B., 2004. The Gap Between Services of the Logistics CompanEMs and the Expectations of Their Customers in Turkey, Proceedings of International Logistics Congress 2004, December 2-3, Izmir, Turkey, pp.34-43.

TOSUN, O. K., GÜNGÖR, A., ÖREN, N., DIBEEHI, Q., BEŞKESE, B., 2004. What the Customers Think About the Services Provided by Logistics CompanEMs?, Proceedings of International Logistics Congress 2004, December 2-3, Izmir, Turkey, pp.467-476.

YAMAN, N., BEŞKESE, A., BEŞKESE, B., 2004. Technology Effects on Logistics CompanEMs’ Competitiveness, Proceedings of International Logistics Congress 2004, December 2-3, Izmir, Turkey, pp.706-715.

GÜNGÖR, A., TOSUN, O. K., ÖREN, N., YAMAN, N., DIBEEHI, Q., BEŞKESE, B., 2004. CRM Model for Logistics CompanEMs, Proceedings of International Logistics Congress 2004, December 2-3, Izmir, Turkey, pp.885-891.

BEŞKESE, M. B., BEŞKESE, A., 2003. Techniques for ERP Software Selection, Proceedings of International Logistics Congress 2003, June 30-July 01, Istanbul, Turkey, pp.144-148.

BEŞKESE, M.B., TANYAŞ, M., 2003. A framework to Avoid Disasters in ERP Software Selection Process, Proceedings of International Logistics Congress 2003, June 30-July 01, Istanbul, Turkey, pp.149-151.

 **7.4.  International books or chapters in books written**

BEŞKESE, M.B., ZAİM, S., 2007. İstatistiksel Süreç Kontrol, Üretim ve Hizmet Süreçlerinin Yönetimi, Çağlayan Kitabevi, Ed: Erkan Bayraktar, İstanbul, sh:91-107.

MESS Üyelerinde İstatistiksel Kalite Kontrol, MESS Publicationsı, 1996, İstanbul.

 **7.5.  Articles published in national peer-reviewed journals**

BEŞKESE, M. B., TANYAŞ, M., 2006, “Bilişim Teknolojisi Yatırımlarının Değerlendirilmesine Yönelik Uygun Yöntemin Seçilmesi Modeli – ERP Summerılımı Seçimi Applicationsı”, *İTÜ dergisi*, Cilt:5, Sayı:1, Kısım:2, s:217-227.

BEŞKESE, B., BEŞKESE, A., 1997, “İ.T.Ü. Industrial Engineering Bölümü Lisans Eğitiminin İrdelenmesi”, Prof. Dr. Coşkun Külür’e 65. Yaş Günü Armağan Kitabı, İstanbul, sh:28-34.

 **7.6.  Papers presented at national scientific meetings and published in the proceedings book**

TUĞRUL, Ö., BEŞKESE, B., 2008, “İTÜ Industrial Engineering Dördüncü Sınıf Öğrencilerinin Duygusal Zeka Düzeyi ile Etkili Liderliğin Gerektirdiği Duygusal Zeka Düzeyinin Karşılaştırılması”, 30. Ulusal Yöneylem Araştırması / Industrial Engineering Kongresi

UYAROĞLU, M. K. BEŞKESE, B., 2008, “Müşteri Memnuniyeti Açısından Elma Kalite Standartının Belirlenmesi”, 30. Ulusal Yöneylem Araştırması / Industrial Engineering Kongresi

BEŞKESE, B., SÖL, S., 1997, “İ.T.Ü. İşletme Fakültesi Industrial Engineering Öğrencilerinin Profili ve Öğrencilerin Bölümü Değerlendirmesi”, Endüstri ve İşletme Mühendisliği Kurultayı.

BEŞKESE, B., BEŞKESE, A., 1997, “Kalite Kontrol Applicationlarında İstatistiksel Teknikler”, 1. Ulusal Üretim Araştırmaları Sempozyumu Bildiriler Kitabı, İstanbul, sh:72-75.

BEŞKESE, A., BEŞKESE, B., 1997, “İstatistiksel Kalite Kontrol Applicationlarının Genel Kalite Kriterlerine Etkileri”, 1. Ulusal Üretim Araştırmaları Sempozyumu Bildiriler Kitabı, İstanbul, sh:76-79.

BEŞKESE, B., 1996, “Türk Metal Sanayii’nde Toplam Kalite Yönetimi Applicationları”, 18.

Ulusal Yöneylem Araştırması / Industrial Engineering Kongresi Bildiriler Kitabı, İstanbul, sh: 196-199.

BEŞKESE, B., BEŞKESE, A., ÜLENGİN,F., 1996, “Etkin Bir Industrial Engineering Yüksek Lisans Programı Araştırması”, 18. Ulusal Yöneylem Araştırması / Industrial Engineering Kongresi Bildiriler Kitabı, İstanbul, sh: 365-368.

SERARSLAN, M. N., YEDEKKESİCİ, B., 1995, “İstatistiksel Yöntemlerin Kalite Kontrolde Kullanılmasının Önemi ve Türk Metal Sanayii’nde Uygulanma Yaygınlığı”, 4. Ulusal Kalite Kongresi Özgeçmişler ve Tebliğler Kitabı, İstanbul, sh: 120,-128.

**7.7.  Other Publications**

**8.    Projects**

**9.    Administrative Duties**

İTÜ Araştırma Görevlileri Temsilciliği (University genelinde) görevlerini yürüttü (1997-1998). (1982 Yearından sonra durdurulan ve sonra tekrar Applicationya konan bir görevdir) 1997’de University Yönetim kurulları ve University Senatosu’nda araştırma görevlisi temsilcisi olarak yer aldı.

İTÜ İşletme Fakültesi Araştırma Görevlileri Temsilciliği yaptı (1997-1998).

İTÜ Industrial Engineering Anabilim Dalı Araştırma Görevlileri Temsilciliği yaptı (1997-1998).

**10.  Memberships to Scientific and Professional Organizations**

Uluslararası Ergonomi Derneği (International Ergonomics Association).

Ulusal Ergonomi Derneği **(**Kurucu Üyesi**)**.

1. **Awards**

**12.  Undergraduate and graduate level courses given in the last two years:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Akademic Year**  | **Term** | **Course Name**  | **Weekly Time**  | **Number of Students** |
| **Theoric**  | **Application**  |
| 2019-2020 | **Fall**  | IE447 Innovation and Creativity (to IE) | 3 | 0 |  |
| IE447 Innovation and Creativity (to COME) | 3 | 0 |  |
| IE413 Statistical Quality Control | 2 | 2 |  |
| Graduation Project | 2 | 4 |  |
| **Spring**  | MATH204 Statistics (2 Şube) | 3 | 0 |  |
| BEN204 Statistics for Bioengineering | 2 | 0 |  |
| ESM424 Industrial Engineering Tasarımı  | 3 | 0 |  |
| Graduation Project | 2 | 4 |  |
| 2020-2021 | **Fall**  | IE301 Creativity and Innovation | 3 | 0 |  |
| IE413 Statistical Quality Control | 3 | 0 |  |
| SE406 Emerging Techmologies | 3 | 0 |  |
| IE491 Graduation Project | 2 | 4 |  |
| Graduation Project | 2 | 4 |  |
| **Spring**  | IE303 Leadership and Communication Skills (IE) | 3 | 0 |  |
| IE303 Leadership and Communication Skills (Psikoloji) | 3 | 0 |    |
| IE344 Start-up Projects in Engineering | 3 | 0 |  |
| Graduation Project | 2 | 4 |  |
| **Summer** | MATH207 Probability | 2 | 2 |  |

**Name Surname:** Murat Elhüseyni

**2.      Date of birth:** 23.01.1988

**3.      Title:** Dr.

|  |  |  |  |
| --- | --- | --- | --- |
| **Degree**  | **Field**  | **University**  | **Year**  |
| Undergraduate | Industrial Engineering | Yeardız Teknik University | 2010 |
| Master  | Industrial Engineering | İstanbul Teknik University | 2012 |
| PhD | Industrial Engineering | Boğaziçi University | 2018 |

**5.      Academic Titles:**

**Yardımcı Doçentlik Tarihi :** 15.02.2021

**6.     Managed Master’s and Doctoral Theses**

 **6.1.  Master Theses**

 **6.2.  PhD Theses**

**7.     Publications**

 **7.1.  Articles published in international peer-reviewed journals (SCI & SSCI & Arts and Humanities)**

1. Elhüseyni, M.; Ünal, A. T., “An integrated heuristic and mathematical modelling method to optimize vehicle maintenance schedule under single dead-end track parking and service level agreement”, Computers and Operations Research, [Volume 132](https://www.sciencedirect.com/science/journal/03050548/132/supp/C), August 2021
2. Şahin G., Elhüseyni M, and Çelebi E., “Preventing Tacit Collusion in Deregulated Electricity Markets through Trilevel Optimization” (Under Revision at EJOR)

 **7.2. Articles published in other international peer-reviewed journals**

 **7.3. Papers presented at international scientific meetings and published in the proceedings book**

1. M. Elhuseyni, A. Tamer Ünal, “Integration of Vehicle Maintenance Scheduling and Single Dead-End Track Parking”, EURO 2016, Poznan, Poland, July 2016
2. M. Elhuseyni, A. Tamer Ünal, “Integration of Vehicle Maintenance Scheduling and Single Dead-End Track Parking on a Multi-Week Planning Horizon”, MAPSP 2017, Seeon-Seebruck, Germany, June 2017
3. Dursun, I., Tellioglu, N., Elhuseyni, M., and Celik, N. (2018), “Estimating gene expression in breast cancer: A hybrid learning framework”, pg: 2068-2073, Conference paper, Institute of Industrial and Systems Engineers Annual Conference and Expo, IISE 2018, Orlando, United States.
4. M. Elhuseyni, G. Şahin, E. Çelebi, “Trilevel Models and Reformulations For Preventing Tacit Collusion in Electricity Markets”, INFORMS 2019, Seattle, USA, October 2019

 **7.4.  International books or chapters in books written**

1. D.E. Aliabadi, E. Çelebi, M. Elhüseyni and G. Şahin, “Modelling, simulation and decision support”, Elsevier, part 3, point 15 in “Local Electricity Markets”

 **7.5.  Articles published in national peer-reviewed journals**

 **7.6.  Papers presented at national scientific meetings and published in the proceedings book**

1. M. Elhüseyni, C. Erhan Bozdağ, “Hipotetik bir tekstil atölyesinin dinamik çizelgelenmesinde yollama kurallarının benzetim tekniğiyle analizi”, YAEM 2012, Istanbul, Turkey, June 2012
2. M. Elhuseyni, A. Tamer Ünal, “Tek Ucu Kapalı Rayda Park Etmeyi Dikkate Field Bütünleşik Araç Bakım Çizelgelemesi”, YAEM 2016, İzmir, Turkey, July 2016
3. M. Elhuseyni, A. Tamer Ünal, “Planlama Ufku Boyunca Tek Ucu Kapalı Rayda Park Etmeyi Dikkate Field Bütünleşik Araç Bakım Çizelgelemesi”, YAEM 2017, Istanbul, Turkey, July 2017
4. M. Elhuseyni, A. Tamer Ünal, “Hizmet Seviye Anlaşmasına Göre Tek Ucu Kapalı Rayda Araç Bakım Çizelgelemesi”, YAEM 2018, Eskişehir, Turkey, June 2018
5. M. Elhuseyni, E. Çelebi, G. Şahin, A. Torkayesh, E. Yilmaz, “Cutting Plane Based Search Algorithms Using Reformulations of a Bi-Level Optimization Problem to Detect Tacit Collusion in Deregulated Electricity Markets”, YAEM 21, Bogazici University, July 21

 **7.7.  Other Publications**

**8.    Projects**

Tübitak Ardeb 1001 Proje Bursiyeri, “Yeniden Düzenlenen Elektrik Piyasalarinda Gizli Anlasmalarin Engellenmesi”, Sabancı University, Şubat 2019 – Nisan 2020

**9.    Administrative Duties**

Öğrenci Danışmanlığı, 4. Sınıflar, 100 Öğrenci

Müfredat Geliştirme ve Ders Materyali Komisyonu Üyesi

Erasmus ve Dış İlişkiler Komisyonu Üyesi

Bilimsel Araştırma Projesi Fakülte Temsilcisi

**10.  Memberships to Scientific and Professional Organizations**

The Institute for Operations Research and the Management Sciences (INFORMS), 2019-2020

**11.  Awards**

TÜBİTAK 2211-A Yurt İçi Doktora Bursu

The Association of European Operational Research Societies (EURO) NATCOR Convex Optimizasyon kursu bursu, Edinburgh University, Haziran 2016

**12.  Undergraduate and graduate level courses given in the last two years:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Akademic Year**  | **Term** | **Course Name**  | **Weekly Time**  | **Number of Students** |
| **Theoric**  | **Application**  |
| 2020-2021 | **Spring**  |  |  |  |  |
| IE492 Graduation Project | 2 | 4 |  |
| MATH204 Statistics | 3 | 0 | 140 |
| IE346 Management Information Systems | 2 | 0 | 98 |
| IE 250 Work Systems Analysis and Design  | 3 | 0 | 129 |
| **Summer** | MATH204 Statistics | 3 | 0 | 2 |
| 2021-2022 | **Fall**  | COME305 Analysis of Algorithms | 3 | 0 | 77 |
| SE305 Algorithms and Optimization Methods | 3 | 0 | 31 |
| EM506 Optimizasyon Metotları | 3 | 0 | 9 |
| MATH207 Probability (2 grup) | 2 | 2 | 122 |
| IE491 Graduation Project | 2 | 4 | 12 |
| **Spring**  |    |  |  |  |
|    |    |    |    |