

## Orhan Korhan, Ph.D.

Eastern Mediterranean University  
Department of Industrial Engineering,  
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### EDUCATION

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**Eastern Mediterranean University**, Gazimağusa, KKTC, 2010  
**Faculty of Engineering, Department of Industrial Engineering**  
Ph.D. in Industrial Engineering, **CGPA: 3.74/4.00**

**University of Louisville**, Louisville, Kentucky, USA, May 2002  
**Speed Scientific School, Department of Industrial Engineering**  
Masters of Science in Industrial Engineering, **CGPA: 3.33/4.00**

- Scholar of Successful International Student
- Training on "Human Subject Protection in research areas" by Health Sciences Center

**Eastern Mediterranean University**, Gazimağusa, KKTC, July 2000  
**Faculty of Engineering, Department of Industrial Engineering**  
Bachelors of Science in Industrial Engineering, **CGPA: 3.09/4.00, Honor**

- **TEV** (Türk Eğitim Vakfı/Turkish Educational Foundation) **Full Scholar**, 1997-2000

### EXPERIENCE

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**Eastern Mediterranean University**, Gazimağusa, KKTC, 2002-Present  
Department of Industrial Engineering

- *Professor*, November 2020 – present
- *Vice Dean, Faculty of Engineering*, July 2020 - present
- *Chair*, Continuing Education Center, April 2019 – July 2020
- *Academic Affairs Coordinator* at the Rector's Office, February 2016-September 2018
- *Associate Professor*, December 2014 – November 2020
- *Assistant Professor*, September 2010-December 2014
- *Part-time Instructor*, October 2009-September 2010
- *Research Assistant*, 2002-2008

**The University of Warwick**, Warwick Management Group Master's Programme, Dissertation Project Supervisor, 2012-Present

**TRNC Security Forces, 4<sup>th</sup> Infantry Regiment**, Gazimağusa, KKTC, August 2008-August 2009  
Translator Sergeant, Immediate Operations Center

**Road Traffic Accidents Prevention Association**, Lefkoşa, KKTC, August 2007-August 2008  
Senior Researcher, Interviewer, Translator

**University of Louisville**, Louisville, Kentucky, USA, Spring 2001 & Fall 2001-02  
Graduate Assistant, College of Business and Public Administration, Department of Management

**İlim Dershaneleri**, KKTC, Summer 2001  
Mathematics and Analytics Teacher

**University of Louisville**, Louisville, Kentucky, USA, Fall 2000  
Student Consultant, IT Resource Centers

**TELSİM A.Ş.**, İkitelli, İstanbul, TURKEY, January-February 2000  
Industrial Engineering Intern

**Anadolu HONDA**, Gebze, Kocaeli, TURKEY, August-September 1998  
Industrial Engineering Intern

**Eastern Mediterranean University**, Gazimağusa, KKTC, Fall 1999 & Spring 2000

## TEACHING AND SUPERVISION

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- Courses:
  - IENG201 Introduction to Industrial Engineering,
  - IENG301 Work Study and Ergonomics,
  - IENG332 / MANE332 Production Planning I,
  - IENG355 Engineering Ethics,
  - IENG372 / MANE372 Information Systems and Technology,
  - IENG441 / MANE441 Facilities Planning and Design,
  - IENG450 Industrial Management.
  
- M.S Thesis Supervision in EMU
  1. "Operator 4.0 and Cognitive Ergonomics", Mohamad Fallaha, 2020.
  2. "Fault Tree Analysis to Compute the Probability of an Event: A Case Study in Oil and Gas Industry", Mohammed Yazdi, 2017.
  3. "Work Related Musculoskeletal Discomfort Among Long Distance Heavy Vehicle Drivers", Ramtin Nazerian, 2016.
  4. "Waste Management Applications at Automobile Manufacturing: Iran Khodro Company, A Case Study", Nasim Sadegh, 2016.
  5. "Noise Reduction in a Plastic Recycling Plant: A Case Study in Lebanon", Hazem Mazen Ezzeddine, 2015.
  6. "Application of Fuzzy TOPSIS and Fuzzy AHP in Selecting Proper Contractors: A Case Study of Sistan and Balouchestan Province Gas Company", Mehrdad Roudini, 2015.
  7. "Musculoskeletal Disorders in Dentistry: A Cross-Sectional Study in Antalya", Müge Hanefioğlu, 2015.
  8. "An Anthropometric Computer Workstation Design to Reduce Perceived Musculoskeletal Discomfort", Kemal Lale, 2013.
  9. "Design of an Expert System for Assessment of Work-Related Musculoskeletal Disorders Due to Computer Use", Seyed Mahdi Shavarani, 2013.
  10. "Anthropometric Home Office Computer Workstation Setup for Online Learning", Mehdi Davari, 2013.
  11. "The Impact of Laptop and Desktop Computer Workstation on Human Performance", Amir Hossein Habibi Onsorodi, 2011.
  
- Ph.D. Thesis Supervision in EMU
  1. "Growth of Industry 4.0 in Turkey", Zeki Murat Çınar, ongoing (co-supervisor).
  2. "A new continuous method of posture analysis and its correlation with muscle activities", Ramtin Nazerian, ongoing.
  3. "The Impact of Mobile Touch Screen Device Use on Musculoskeletal Disorders: Risk Assessment Modeling and Verification", Ali Salem Milad El Ghomati, ongoing.
  4. "Application of Genetic Algorithm to Keyboard Arrangement Problem", Amir Hossein Habibi Onsorodi, 2020.
  5. "Musculoskeletal Discomfort Amongst Tablet Users for Educational Purposes", Banu Numan Uyal, 2018.
  6. "Posture, Musculoskeletal Activities and Possible Musculoskeletal Disorders Among Children Using Laptops or Tablet Computers for Educational Purposes", Elif Binboğa Yel, 2016.
  
- Dissertation Project Supervisor for WMG
  1. "The adoption of Internet of Things on the supply chain of Natural Sausage Casings: A Case Study Schonhofer Darne GmbH", Shahryar Shahsavari Amiri, 2020.
  2. "Improving Economic Growth of Northern Cyprus Through Re-Engineering of Business-Related Sectors Of The Economy", Salami Rakiatou, 2020.

3. "How May Strategic Project Management Be Used To Mitigate Delays and Overruns In Expenditure in the Construction Industry: A Study Of The Oil and Gas Construction Industry", Mohammad Bondok, 2020.
4. "User Acceptance of Location-Based Mobile Applications", Sina Shaham, 2019.
5. "Signification of Artificial Intelligence In Industry 4.0 Application: A Case Study of Tracking Technology by Cargo-Beacon", Saman Barwari, 2019.
6. "ABC Analysis for Inventory Management at Almabani General Contractors Co.: a Case Study", Rama Dia Al Hamouri, 2019.
7. "How does Modification of production line help to improve the production and inventory areas in beverage company", Mohammad Jandal, 2019.
8. "Increasing Energy Efficiency in Slow Cities (Cittaslow) by using Smart City technologies: A Case Study of a Cittaslow in North Cyprus", Zehra Akıntuğ, 2018.
9. "Generating the Electricity at the Campus of EMU in Northern Cyprus using Renewable Energy Resources", Mostafa Alghentawi, 2018.
10. "Application of ABC Method for Accurate Overhead Costs in Project Construction Industries: A Case Study". Sadin Al Abbasi, 2018.
11. "Customer Loss Prevention Model: A Case Study in Telecommunication Sector", Barış Demiray, 2018.
12. "The Impact of Cloud Computing Adoption in Business in General and in the Accounting Sector in Particular: A Case Study of Lebanese Organisations", Zahia Mandou, 2017.
13. "Artificial Intelligence Applications in Supply Chain Management: An Action Research for SMEs", Cansu Eren Akman, 2017.
14. "Planning Optimum Welding Workforce Based On Welding Qualification in LNG Spool Factories", Eray Cesur, 2017.
15. "How May Strategic Project Management Be Used to Mitigate Delays and Overruns in Expenditure in The Construction Industry: A Study of The Oil & Gas Construction Industry", Esat Güler, 2017.
16. "Supply Chain Management Of Petroleum In North Cyprus A Comparative Study", Mustafa Öztürk, 2017.
17. "Feasibility Analysis: Investment Appraisal Using Cost-Benefit Analysis of the Water Pipeline Project Supplying North Cyprus from Turkey", Mohammed Chadi Zouhri, 2016.
18. "Approach to Agricultural Water Management from Perspective of Logistics: The North Cyprus Case", Maksat Gerayev, 2016.
19. "The influence of Supply Chain and Logistics Management on B2C firms in Nigeria", Timothy John Dalton, 2016.
20. "Benefit-Cost Analysis for the Missed Opportunities of Automobile Dealership by Using 3D Printing", Mohammed Alshekh Deeb, 2016.
21. "Development of an Efficient Management Information System for Banking Sector", Ruslan Akhmedov, 2016.
22. "Economic Appraisal of Productivity Loss due to Work-Related Musculoskeletal Disorders", Asad Ahmed Memon, 2015.
23. "Demand Forecasting and Inventory Control in Fashion Retail Supply Chains: A Case Study of a Retail Store, North Cyprus", Türkan Fikretler, 2013.

## PUBLICATIONS

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**Web of Science ResearcherID:** B-6800-2013  
**ORCID ID:** 0000-0002-9388-8605

**YÖK Researcher ID:** 214549  
**Scopus Author ID:** 35795664600

- **Books:**

1. Calisir F., Korhan O. "Industrial Engineering in the Digital Disruption Era: Selected Papers from the Global Joint Conference on Industrial Engineering and Its Application Areas, GJCIE 2019". Springer Nature, Switzerland 2020. ISBN: 978-3-030-42415-2.
2. Korhan O. "Work-Related Musculoskeletal Disorders due to Computer Use: A Literature Review". Lambert Academic Publishing, Germany 2010. ISBN: 978-3-8383-6625-8.
3. Korhan O. "Association of Emotions and Musculoskeletal Stress in Computer Users: An Occupational Risk Assessment Modeling". Lambert Academic Publishing, Germany 2010. ISBN: 978-3-8383-5525-2.

- **Book Chapters:**

1. Korhan O, Memon AA, 2019. Introductory Chapter: Work-Related Musculoskeletal Disorders. Book Title: "Work-related Musculoskeletal Disorders". InTech, Uk, 2019 (978-1-78985-234-9).

2. Uyal BN, Yel EB, Korhan O, 2018. Physical Discomfort Experienced in Traditional Education and Tablet-Assisted Education: A Comparative Literature Analysis. In: Calisir F., Camgoz Akdag H. (eds) *Industrial Engineering in the Industry 4.0 Era. Lecture Notes in Management and Industrial Engineering*. Springer, Cham (ISBN: 978-3-319-71225-3).
  3. Uyal BN, Yel EB, Korhan O, 2018. Musculoskeletal Discomfort Experienced by Children and Adolescents During the Use of ICT: A Statistical Analysis of Exposure Periods and Purposes. In: Calisir F., Camgoz Akdag H. (eds) *Industrial Engineering in the Industry 4.0 Era. Lecture Notes in Management and Industrial Engineering*. Springer, Cham (ISBN: 978-3-319-71225-3).
  4. Onsorodi AHH, Korhan O, "Laptop versus computer workstations: Which one is better for human performance?". *Frontiers of Business, Management and Economics*, Universal Publishers, Boca Raton, Florida, USA 2013 (ISBN: 978-1-61233-265-9).
  5. Lale K, Korhan O, "Work-Related Musculoskeletal Discomfort and Their Frequencies at the Upper and Lower Back Due To Computer Use". *Frontiers of Business, Management and Economics*, Universal Publishers, Boca Raton, Florida, USA 2013 (ISBN: 978-1-61233-265-9).
  6. Korhan O. "Work-Related Musculoskeletal Discomfort in the Shoulder due to Computer Use". Book Title: "Ergonomics – A Systems Approach". InTech - Open Access Publisher, Croatia 2012 (ISBN: 979-953-307-491-6).
  7. Korhan O. "Work-Related Musculoskeletal Discomfort in the Neck Due to Computer Use". Book Title: "Neck Pain: Causes, Diagnosis and Management". Nova Science Publishers, Inc. NY, USA 2011 (ISBN: 978-1-61470-420-1).
- Editor:
    1. Work-related Musculoskeletal Disorders, 2019. InTech, UK. ISBN: 978-1-78985-234-9.
    2. Indoor Environment and Health, 2019. InTech, UK. ISBN: 978-1-78984-374-3.
    3. Anatomy, Posture, Prevalence, Pain, Treatment and Interventions of Musculoskeletal Disorders, 2018. InTech, Croatia. ISBN: 978-1-78923-198-4, 118 pages. DOI: 10.5772/intechopen.69755
    4. Occupational Health, 2017. InTech, Croatia. ISBN: 978-953-51-2890-8, 258 pages. DOI: 10.5772/63281.
  - SCI, SCI Expanded List, SSCI articles:
    1. Çınar ZM, Nuhu AA, Zeeshan Q, Korhan O, Asemal M, Safaei B, 2020. Machine Learning in Predictive Maintenance towards Sustainable Smart Manufacturing in Industry 4.0. *Sustainability*, Vol. 12 (19), 8211, <https://doi.org/10.3390/su12198211>.
    2. Onsorodi AHH, Korhan O, 2019. Application of a genetic algorithm to the keyboard layout problem. *PLOS ONE* 15(1): e0226611. <https://doi.org/10.1371/journal.pone.0226611>.
    3. Nazerian R, Korhan O, Shakeri E, 2020. Work-related musculoskeletal discomfort among heavy truck drivers. *International Journal of Occupational Safety and Ergonomics*. Vol. 26 (2), 233-244.
    4. Yazdi M, Korhan O, Daneshvar S, 2020. Application of fuzzy fault tree analysis based on modified fuzzy AHP and fuzzy TOPSIS for fire and explosion in process industry. *International Journal of Occupational Safety and Ergonomics*. Vol. 26(2), 319-355.
    5. Uyal BN, Yel EB, Korhan O, 2017. Impact of Traditional Education and Tablet-Assisted Education on Students: A Comparative Analysis. *EURASIA Journal of Mathematics, Science and Technology Education*, Vol. 13(11), 7205-7213.
    6. Lale K, Korhan O, 2015. Ergonomic Discomfort of Desktop Workstations and Their Effects on Office Employees. *The Athropologist*, Vol. 21 (1,2), 39-45.
    7. Korhan O, Ersoy M, 2015. Usability and Functionality Factors of the Social Network Site Application Users from the Perspective of Uses and Gratification Theory. *Quality & Quantity*, Vol. 50 (4), 1799-1816.
    8. Shavarani, M, Korhan O, 2014. Expert System Assessment of Work-Related Musculoskeletal Disorders for VDT Users. *Applied Research in Quality of Life*, Vol. 10 (2), 205-216.
    9. Yel EB, Korhan O, 2014. Posture, Musculoskeletal Activities and Possible Musculoskeletal Disorders among Children Using Laptops or Tablet Computers for Educational Purposes: A Literature Review. *Journal of Science Education and Technology*, Vol. 23 (5), 605-616.
    10. Korhan O, Mackieh A, 2011. An empirical investigation of the detrimental effects of the intensive use of computers in the business world. *African Journal of Business Management*, Vol. 5(3), 656-665.
    11. Korhan O, Mackieh A, 2010. A Model for Occupational Injury Risk Assessment of Musculoskeletal Discomfort and Their Frequencies in Computer Users. *Safety Science*, Vol. 48 (7), 868-877.
  - International Refereed Journals:
    1. Ghomati A, Korhan O, 2019. The Impact of Mobile Touch Screen Device Use on Musculoskeletal System: A Literature Review. *Ergonomics*, Vol. 2(3), 137–146 (DOI: 10.33439/ergonomi.531434).

2. Yazdi M, Adesina KA, Korhan O, Nikfar F, 2019. Learning from Fire Accident at Bouali Sina Petrochemical Complex Plant. *Journal of Failure Analysis and Prevention*, Vol. 19, 1517–1536.
3. Hanefioğlu M, Korhan O, 2018. Ergonomic Analysis of Dental Treatments Tasks: Discomfort Factor Identification and Impact on Body Regions. *The Journal of Engineering and Architecture Faculty of Eskisehir Osmangazi University*, 26(2), 47-67.
4. Nazerian R, Shakiri E., Sadegh N, Roudini M, Korhan O, 2016. A New Method to Evaluate Effect of Body Mass Index and Gender Factors on Maximal Aerobic Power. *Journal of Scientific Research and Reports*, Vol. 9(3): 1-11.
5. Yel EB, Korhan O, 2015. Musculoskeletal Activities, And Possible Musculoskeletal Discomfort among Children Using Desktop/Laptop/Tablet Computers for Educational Purposes. *Suleyman Demirel University Journal of Engineering Sciences and Design*, Vol. 3(3), SI:Ergonomics, 631-638.
6. Yel EB, Korhan O, 2015. A Survey of Students Participating in a Computer-Assisted Education Programme. *International Journal of Research in Education and Science*, Vol. 1(2), 131-141.
7. Davari, M, Korhan O, 2013. Anthropometric Home Office Computer Workstation Setup for Online Learning. *Life Science Journal*, Vol. 10 (2), 139-146.
8. Korhan O, 2012. Computer Use and Work Related Musculoskeletal Disorders: A Literature Review. *Research - Reviews in BioSciences*, Vol. 6(1), 1-15.
9. Korhan O, Feridun M., 2005. Banking and technology: Information flow between the human and the machine through automated teller machines. *Information Technology Journal*, Vol. 4 (1), 75-77.
10. Korhan O, Feridun M, Ozakca A, 2005. Multi-Attribute Decision Making: An application of the Brown-Gibson model of weighted evaluation. *Journal of Applied Sciences*, Vol. 5 (5), 850-852.

• Conference Papers:

1. Cinar ZM, Zeeshan Q, Solyalı D, Korhan O. Simulation of Factory 4.0: A Review VI. *Global Conference on Engineeing & Technology, Famagusta, North Cyprus, 2-3 September 2019.*
2. Fallaha M, Cinar ZM, Korhan O, Zeeshan Q. Operator 4.0 and Cognitive Ergonomics. VI. *Global Conference on Engineeing & Technology, Famagusta, North Cyprus, 2-3 September 2019.*
3. Cinar ZM, Nuhu AN, Zeeshan Q, Korhan O. Digital Twins for Industry 4.0: A Review. VI. *Global Conference on Engineeing & Technology, Famagusta, North Cyprus, 2-3 September 2019.*
4. Hanefioğlu M, Korhan O. Diş Hekimliğinde Tekrarlanan Fiziksel İş Yükünün Ergonomik Analizi. *23rd National Ergonomics Congress, Çukurova University, Adana, Turkey, 26-28 October 2017.*
5. Yel EB, Uyal BN, Korhan O. Physical Discomfort Experienced in Traditional Education and Tablet-Assisted Education: A Comparative Literature Analysis, I. *Global Conference on Industrial Engineering, Vienna, Austria, 20-21 July, 2017.*
6. Yel, EB, Uyal BN, Korhan O. Musculoskeletal Discomfort experienced by children/adolescents during use of ICT: A statistical analysis on exposure periods and purposes, I. *Global Conference on Industrial Engineering, Vienna, Austria, 20-21 July, 2017.*
7. Kara ES., Korhan O, Güden H. Wind Farm Layout Optimization to Reduce Noise, II. *Global Conference on Healthcare Systems Engineering and Management Istanbul, Turkey, 14-15 July, 2016.*
8. Yel EB, Uyal BN, Korhan O. The Impact of Musculoskeletal Discomfort on Tablet-Assisted Education System, II. *Global Conference on Healthcare Systems Engineering and Management Istanbul, Turkey, 14-15 July, 2016.*
9. Sadegh N, Nazerian R, Korhan O. Effect of Supplier's Assessment on Waste Prevention, I. *Global Conference on Industrial Engineering, Istanbul, Turkey, 14-15 July, 2016.*
10. Yazdi M, Korhan O. Ergonomic Assessment of Hand Tool Design to Reduce Occupational Accidents, I. *Global Conference on Industrial Engineering, Istanbul, Turkey, 14-15 July, 2016.*
11. Yel EB, Uyal BN, Korhan O. Musculoskeletal Strain Experienced by Secondary and High Schools Students During Tablet Computer Use for Educational Purposes, *International Conference on Education in Mathematics, Science and Technology (ICEMST 2016), Bodrum, Turkey 19-22 May, 2016.*
12. Yel EB, Korhan O. Eğitsel Amaçlı Masaüstü/Dizüstü/Tablet Bilgisayar Kullanımında Öğrencilerin Kas-İskelet Hareketleri ve Olası Kas-İskelet Rahatsızlıkları, *21st National Ergonomics Congress, Süleyman Demirel University, Isparta 2-4 October 2015.*
13. Yel EB, Korhan O. A Survey Of Students Participating In A Tablet-Assisted Education Programme, *International Conference on Education in Mathematics, Science and Technology (ICEMST 2015), Antalya, Turkey 23-26 April, 2015.*
14. Shavarani M, Korhan O. Application of Expert System for Prevention of musculoskeletal Disorders among Students. *International Biomedical Engineering Congress (IBMEC 2015), Lefkoşa, North Cyprus, 12-14 March, 2015.*

15. Onsorodi AHH, Korhan O. Systematic Layout Planning for Ergonomic Keyboard Design. International Biomedical Engineering Congress (IBMEC 2015), Lefkoşa, North Cyprus, 12-14 March, 2015.
16. Lale K, Korhan O. An Anthropometric Computer Workstation Design to Reduce Perceived Musculoskeletal Discomfort. International Conference on Industrial Engineering and Operations Management (IEOM 2012), Istanbul, Turkey, 3-6 July, 2012 (Full Paper).
17. Onsorodi AHH, Korhan O. The Impact of Laptop And Desktop Computer Workstations On Human Productivity. 17th National Ergonomics Congress, Eskişehir Osmangazi University, Eskişehir, Turkey 14-16 October 2011 (Full Paper).
18. Korhan O, Mackieh A. Work related musculoskeletal disorders during computer use. 11th National Ergonomics Congress, Istanbul Technical University, İstanbul 26-28 December 2005 (Full Paper).

• Other Articles:

- ESTIEM Magazine (The Netherlands)
  - Systems Modeling: A Method to Avoid Mass Casualty and Catastrophes, Issue 41 2011/2, ISSN 0874-5242)
- Kıbrıs Gazetesi (Daily Local Newspaper)
  - KKTC Ekonomisini Kalkındırma Yöntemleri, 1 Eylül 2013
  - Endüstri Mühendisliği Eğitiminin KKTC'deki Üretim ve Hizmet Sektörü Üzerindeki Etkisi, Sayfa 22, 5 Eylül 2010
- EMO Bilim (TRNC Chamber of Electric and Electronic Engineers Official Science Journal)
  - Profesyonel Mühendislik Etiği, Yıl 10, Sayı 28, Sayfa 42-44, Ağustos 2010
- Manşet (Weekly Local Newspaper)
  - "KKTC'nde İş Sağlığı ve İş Güvenliği", Sayı 1, 22 Şubat 2010
  - "Sanayi Holding: Bir Efsanenin İflası", Sayı 2, 1 Mart 2010
  - "Altyapı", Sayı 3, 8 Mart 2010
  - "Yunanistan Borca Battı, Türkiye'nin IMF'ye Borcu Bitiyor", Sayı 4, 15 Mart 2010
  - "Cumhurbaşkanı mı Görüşmeci mi?", Sayı 5, 22 Mart 2010
  - "Bilmek, Varolmak, Sorgulamak", Sayı 6, 29 Mart 2010
  - "Egemenlik", Sayı 7, 5 Nisan 2010
- Normatif (Monthly Trade and Economics Journal)
  - "Ada Ekonomilerinde 'Balık Nasıl Tutulur?'"', Sayı 6-7, Eylül-Ekim 2006
  - "Kıbrıs ve Malta: AB Üyesi İki Ada Devlet", Sayı 8-9, Kasım-Aralık 2006
  - "Güney Kıbrıs Türkiye'den Limanlarını Açmasını Gerçekten Neden İstiyor?", Sayı 10-11, Ocak-Şubat 2007
  - "Toplam Kalite Yönetimi'nde İş Etüdü'nün Önemi", Sayı 12, Mart 2007

## PROJECT

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- Research Project (Type A) - BAP-A-07-06. "An Empirical Investigation of the Work-Related Musculoskeletal Disorders During Computer Use and Finding Ways to Prevent Them", EMU, 2006.

## SEMINARS AND WORKSHOPS

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- "Higher Education System in North Cyprus", USA Ministry of Education Fulbright Program, EMIR Ltd., June 2017.
- "Production Planning and Control", Cyprus Turkish Chamber of Industry, October 2016.
- "Inventory Control Applications in E-Commerce", WMG-EMU Programme, November 2015.
- "Ergonomics", TRNC Ministry of Labor and Social Security, June 2015.
- "Occupational Safety and Health in Visual Display Units", TRNC Ministry of Labor and Social Security, June 2015.
- "Ergonomics and Human Efficiency", EMU, 23 March 2015.
- "Work Study and Ergonomics", EMU, 16 December 2013.
- "How to Solve a Case Study?", EMU IE-Club, 26 November 2012.
- "How to cope with Crisis knowing Change Management Principles", Vision Crisis and Change Management. 12 May 2012.
- "Ergonomics", TRNC Ministry of Labor and Social Security, May 2011.
- "Thermal Comfort, Heat, Humidity, Ventilation, Illumination", TRNC Ministry of Labor and Social Security, May 2011.

- “Applications of Professional Engineering Ethics”, TRNC Chamber of Electric & Electronic Engineers. 30 June 2010.

### **SCIENTIFIC COMMITTEE MEMBER**

---

- Global Joint Conference on Industrial Engineering and Its Application Areas, 2020. Online
- 12th NCM Conferenes: New Challenges in Industrial Engineering and Operation Management, 2018. Yıldırım Beyazıt Üniversitesi, Ankara, Turkey.
- V. International Multidisciplinary Congress of Eurasia, 2018. Barcelona, Spain.
- Global Joint Conference on Industrial Engineering and Its Application Areas, 2018. Kapadokya, Turkey.
- International Conference on Education in Mathematics, Science & Technology, 2018. Marmaris, Turkey.
- International Conference on Sustainable Globalization, 2018. Kerala, India.
- 23<sup>rd</sup> Ergonomic Congress, 2017. Adana, Turkey.
- Global Joint Conference on Industrial Engineering and Its Application Areas, 2017. Vienna, Austria.
- International Conference on Education in Mathematics, Science & Technology, 2017. Kuşadası, Turkey.
- Global Joint Conference on Industrial Engineering and Its Application Areas, 2016. Istanbul, Turkey.
- International Conference on Education in Mathematics, Science & Technology, 2016. Bodrum, Turkey.

### **JOURNAL REFERE**

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- Ergonomics, Impact Factor: 1.608, ISSN: 0014-0139, Imprint: TAYLOR & FRANCIS (Coverage: SCI, SSCI)
- Safety Science, Impact Factor: 1.637, ISSN: 0925-7535, Imprint: ELSEVIER (Coverage: SCI-E)
- Journal of Back and Musculoskeletal Rehabilitation, Impact Factor: 0.912, ISSN: 1053-8127, Imprint: IOS Press (Coverage: SSCI, SCI-E)
- Assembly Automation, Impact Factor: 1.642, ISSN: 0144-5154, Imprint: Emerald Publishing (Coverage: SCI-E)
- EURASIA Journal of Mathematics, Science and Technology Education, Impact Factor: 0.903, ISSN: 1305-8215, Imprint: Modestum Publications, UK (Coverage: SSCI)
- Human Factors and Ergonomics in Manufacturing & Service Industries, Impact Factor: 0.762, ISSN: 1090-8471, Imprint: WILEY-BLACKWELL (Coverage: SSCI, SCI-E)
- Work: A Journal of Prevention, Assessment & Rehabilitation, Impact Factor: 0.169, ISSN: 1051-9815, Imprint: IOS Press (Coverage: SSCI)
- Safety and Health at Work, ISSN: 2093-7911, Imprint: Elsevier
- Int. J. of Forensic Engineering and Management, ISSN: 1478-1476, Imprint: Inderscience Publishers
- The Anthropologist, ISSN: 0972-0073, Imprint: KRE Publishers
- African Journal of Business Management, ISSN: 1990 -3839, Imprint: Academic Journals
- British Journal of Medicine and Medical Research, ISSN: 2231-0614, Imprint: Science Domain International
- Journal of Scientific Research and Reports, ISSN: 2320–0227, Imprint: Science Domain International
- International Journal of Medicine and Medical Research, ISSN: 2006-9723, Imprint: Academic Journals.

### **THESIS DEFENCE JURY MEMBERSHIPS**

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- “Developing Employability in the Higher Education Supply Chain”, Blessing Chioma Oranekwu-Okoye, January 2015, Master of Science, The University of Warwick (WMG).
- “Occupational Noise Exposure in Small and Medium-Sized Industries in North Cyprus”, Joubin Zahiri Khameneh, September 2011, Master of Science, EMU.

- “Occupational Injuries and Occupational Safety and Health Regulations in Three Industries in North Cyprus, Opportunities for Improvement Identified”, Sabriye Topal, September 2011, Master of Science, EMU.
- “Studies on Different Types of Facility Layout Problems”, Sadegh Niroomand, January 2013, Ph.D., EMU.
- “Ranking All Units in Data Envelopment Analysis”, Mehرداد Alirezamohammadi, June 2013, Master of Science, EMU.
- “Ergonomical Evaluation for the Design of the Computer Laboratory PCLab3 in the Department of Industrial Engineering at EMU and Proposing a Better Design”, Faeza Saleh A. Dihin, June 2013, Master of Science, EMU.

## **JURY MEMBERSHIPS**

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- The Tournament In Management and Engineering Skills (TIMES), European Students of Industrial Engineering and Management (ESTIEM), quarter-finals, 2019
- The Tournament In Management and Engineering Skills (TIMES), European Students of Industrial Engineering and Management (ESTIEM), semi-finals, 2019
- The Tournament In Management and Engineering Skills (TIMES), European Students of Industrial Engineering and Management (ESTIEM), quarter-finals, 2015
- Vaka Analizi Yarışması, Endüstri Mühendisliği Toplulukları Birliği, 2014
- The Tournament In Management and Engineering Skills (TIMES), European Students of Industrial Engineering and Management (ESTIEM), quarter-finals, 2013
- Vaka Analizi Yarışması, Endüstri Mühendisliği Toplulukları Birliği, 2013
- Vaka Analizi Yarışması, Endüstri Mühendisliği Toplulukları Birliği, 2012
- Vaka Analizi Yarışması, Endüstri Mühendisliği Toplulukları Birliği, 2011
- Vaka Analizi Yarışması, Endüstri Mühendisliği Toplulukları Birliği, 2010

## **CONSULTANCY**

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- TÜBİTAK (Scientific and Technological Research Council of Turkey), Guide for Work-Related Musculoskeletal Disorders, proposed by Ministry of Labor and Social Security (Turkey) and Dokuz Eylül University.

## **MEMBERSHIPS**

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- Member, Electrical Vehicle Development Center (November 2020 – Present)
- Member, EMU Continuing Education Center (July 2020-Present)
- Chair, EMU Continuing Education Center (April 2019-July 2020)
- Vice-Chair, EMU Continuing Education Center (November 2014-April 2018)
- Member, EMU Engineering Faculty Council (2011- 2014)
- Member, EMU Engineering Quality Assurance & ABET Committee (2015-Present)
- Member, EMU Engineering Faculty Graduate Studies and Research Committee (2012-2015)
- Member, EMU Engineering Faculty Undergraduate Programs and Studies Committee (2010-Present)
- Member, EMU Engineering Faculty Industrial Relations Committee (2010-2015)
- Chair, EMU Ind. Eng. Dept. Undergraduate Program Planning Committee (2010-Present)
- Member, EMU Ind. Eng. Dept. Graduate Program & Research Planning Committee (2010- Present)
- Member, EMU Ind. Eng. Dept. Industrial Training Planning Committee (2010-Present)
- Member, EMU Ind. Eng. Dept. Library, Bookstore & Publications Planning Committee (2010-Present)
- Member, EMU Ind. Eng. Dept., ABET Committee (2015-Present)

## **HONORS**

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- “Deed of Appreciation” in “Vision Crisis and Change Management Conference” by European Students of Industrial Engineering and Management (2012)
- “Deed of Adherence” in Faculty Member Development Workshop by YÖDAK (Higher Education Planning, Evaluation, Accreditation and Coordination Council) (2012)
- “Certificate of Appreciation” by TRNC Ministry of Labor and Social Security (2011)
- “Certificate of Appreciation” by Chamber of Electric and Electronic Engineers (2010)
- “Certificate of Appreciation” by Institute of Industrial Engineers EMU Chapter (2006)
- Member of Turkish Cyprus Association of Science and Technology
- Founding member of Trafikte Kazasız Yaşam Derneği
- Founding member of Chamber of Industrial Engineers
- “Most Successful International Student” of the Year 2001, University of Louisville, KY, USA
- American International Relationships Club, University of Louisville, KY, USA
- Multicultural Committee, University of Louisville, KY, USA
- Honor Student in the BS program

## **PANEL CHAIRPERSON**

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- “Kuzey Kıbrıs'ta Sürekli Eğitim Merkezleri-Yaşamboyu Öğrenme”, Türkiye Sürekli Eğitim Merkezi Konseyi - 2017 Bahar Genel Kurul Toplantısı, 27-29 April 2017

## **SKILLS AND ACTIVITIES**

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- Computer Skills: Windows, Microsoft Office, Pascal, Arena, Maple, SPSS, Minitab, Lindo, Lingo, Gino, Adobe Photoshop, CorelDRAW, EndNote, Quark Form Artist.
- Language Skills: fluent in Turkish, English, fair French.