

Asst. Prof. OKAY IŞIK

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Old Dominion University, Mühendislik Yönetimi, Frank Batten College of Engineering/Engineering Management and Systems Engineering, United States Of America 2004 - 2009

Postgraduate, Middle East Technical University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, Turkey 1997 - 2001

Undergraduate, Air War Academy Command, Hava Harp Okulu (Dekanlık), Elektronik Bölümü, Turkey 1988 - 1992

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, AN INTEGRATED PROBABILITY-BASED APPROACH FOR MULTIPLE RESPONSE SURFACE OPTIMIZATION, Old Dominion University, Mühendislik Yönetimi, 2009

Postgraduate, Development and application of Q-charts for multivariate statistical process control, Middle East Technical University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2001

Academic Titles / Tasks

Istanbul Kultur University, Mühendislik Fakültesi, Endüstri Mühendisliği Bölümü, 2020 - Continues

Lecturer, Air War Academy Command, Hava Harp Okulu (Dekanlık), Endüstri Mühendisliği Bölümü, 2001 - 2013

Academic and Administrative Experience

Internship Committee Member, Istanbul Kultur University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2020 - Continues

Courses

MY1702 MÜHENDİSLİK YÖNETİMİNE GİRİŞ, Postgraduate, 2023 - 2024, 2020 - 2021

IE7203 SIMULATION MODELLING, Undergraduate, 2023 - 2024, 2022 - 2023, 2020 - 2021

IEM0403 APPLIED PROCESS MANAGEMENT, Postgraduate, 2023 - 2024, 2022 - 2023, 2020 - 2021
IEM1702 INTRODUCTION TO ENGINEERING MANAGEMENT, Postgraduate, 2023 - 2024, 2020 - 2021
IE8406 QUALITY ENGINEERING, Undergraduate, 2022 - 2023
IE3101 INTRODUCTION TO PROBABILITY, Undergraduate, 2019 - 2020
IE7203 SIMULATION MODELLING, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016
IE6103 Design of Experiments, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

Advising Theses

Işık O., ASSESSING THE EFFECT OF LEAN TECHNIQUES ON CONSTRUCTION PROJECTS PERFORMANCE, Postgraduate, S.ELORABY(Student), 2024
Okay I., A method to develop landfill liner material using design of experiments methodology, Postgraduate, M.SHAHZAD(Student), 2023
Okay I., Development of an excel-vba based decision support system for network engineers, Postgraduate, H.O.MOWAFK(Student), 2022
OKAY I., Hava ulařtırma görevlerinin başarımının tahmininde benzetim modeli ve deneysel tasarım yaklaşımı, Postgraduate, D.CİN(Student), 2013

Articles Published in Other Journals

- I. **The Impact of Perceived COVID-19 Threat and Death Anxiety on Buying Behavior Among Academics: A Comparison Between Türkiye and Northern European Countries**
Bilgin Turna G., Pekmezci H., Işık O.
Üçüncü Sektör Sosyal Ekonomi, vol.58, no.3, pp.2525-2552, 2023 (Peer-Reviewed Journal)
- II. **HAVA ULAŞTIRMA GÖREVLERİNİN BAŞARIMININ TAHMİNİ**
CİN D., IŞIK O.
Havacılık ve Uzak Teknolojileri Dergisi, vol.7, no.1, pp.105-111, 2014 (Peer-Reviewed Journal)
- III. **Kalite Fonksiyon Yayılımı (KFY) Kullanarak Mühendislik Programı Tasarımı**
IŞIK O., KÖLEMEN M., SEĞMEN Y. E.
Havacılık ve Uzak Teknolojileri Dergisi, vol.5, no.3, pp.55-60, 2012 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **IMPROVEMENT OF THE KANBAN SYSTEM FOR AN AUTOMOTIVE COMPANY VIA DISCRETE EVENT SIMULATION: OTOKAR**
IŞIK O.
2022 Winter Simulation Conference, Singapore, Singapore, 11 - 14 December 2022
- II. **BİR OTOMOTİV FİRMASINDA UYGULANAN KANBAN SİSTEMİNİN AYRIK ZAMANLI SİMÜLASYON YÖNTEMİYLE İYİLEŞTİRİLMESİ: OTOKAR**
PAKSOY A., IŞIK O.
41. Yöneylem Araştırması ve Endüstri Mühendisliği Ulusal Kongresi - YAEM 2022, Denizli, Turkey, 28 October 2022
- III. **Program Allocation Process Improvement by An Assignment Model**
IŞIK O., BİLGE M., KILIÇARSLAN Y.
Proceedings of International Conference on Value Chain Sustainability (ICOVACS'2015), İstanbul, Turkey, 12 - 13 March 2015
- IV. **An Integrated Probability-Based Approach for Multiple Response Surface Optimization**
IŞIK O., Ünal R., Rabadi G.
International Society for Business and Industry Statistics, (ISBIS 2010), Portoroz, Slovenia, 5 - 08 July 2010, pp.44

V. **HHO Öğrencilerinin Akademik Başarılarına Etki Eden Faktörlerin Çoklu Regresyon Yöntemiyle İncelenmesi**

ERCAN S., IŞIK O., ÇAKIR V.

V. Ulusal Üretim Araştırmaları Sempozyumu, İstanbul Ticaret Üniversitesi, İstanbul, Turkey, 25 - 27 October 2005, pp.635-640

Metrics

Publication: 8