

## Lect. PhD ERHAN BARAN

### Personal Information

**Office Phone:** [+90 312 800 0614](tel:+903128000614) Extension: 119

**Fax Phone:** [+90 312 800 0618](tel:+903128000618)

**Email:** [erhanbaran@gazi.edu.tr](mailto:erhanbaran@gazi.edu.tr)

**Web:** <https://avesis.gazi.edu.tr/erhanbaran>

### International Researcher IDs

ScholarID: vJBfVE4AAAAJ

ORCID: 0000-0002-5897-8680

Yoksis Researcher ID: 48328

### Education Information

Doctorate, Sakarya University, Faculty Of Engineering, Department Of Industrial Engineering, Turkey 2017 - 2022

Postgraduate, Gazi University, Mühendislik Fakültesi, Endüstri Mühendisliği, Turkey 2010 - 2012

Undergraduate, Gazi University, Mühendislik Fakültesi, Endüstri Mühendisliği, Turkey 2005 - 2009

### Dissertations

Doctorate, Kalite 4.0 modelinde blok zinciri mimarisi ve metal sektöründe depo yönetim sistemi uygulaması, Sakarya University, 2023

Postgraduate, Tedarikçi seçimi için bir model önerisi: Traktör fabrikası uygulaması, Gazi University, Mühendislik Fakültesi, 2012

### Research Areas

Natural Sciences, Engineering and Technology

### Academic Titles / Tasks

Lecturer PhD, Gazi University, Tusaş - Kazan Meslek Yüksek Okulu, Elektronik ve Otomasyon, 2021 - Continues

Lecturer, Gazi University, Tusaş - Kazan Meslek Yüksek Okulu, Motorlu Araçlar ve Ulaştırma Teknolojileri Bölümü, 2018 - 2021

Research Assistant, Hitit University, Faculty Of Engineering, Department Of Industrial Engineering, 2011 - 2018

### Published journal articles indexed by SCI, SSCI, and AHCI

#### I. Classification of Industry 4.0 for Total Quality Management: A Review

BARAN E., KORKUSUZ POLAT T.

SUSTAINABILITY, vol.14, no.6, 2022 (SCI-Expanded)

#### Articles Published in Other Journals

## ARTICLES PUBLISHED IN OTHER JOURNALS

- I. **Optimizing a route path for a mobile blood collection system**  
BARAN E.  
Computational Intelligence Wireless Sensor Network, 2019 (Peer-Reviewed Journal)
- II. **An Innovative Fuzzy TOPSIS Method to Determine the Location of A New Hospital**  
BARAN E.  
International Journal of Engineering Science and Application, vol.2, no.4, pp.133-136, 2018 (Peer-Reviewed Journal)
- III. **Route Determination for Capacitated Vehicle Routing Problem with Two Different Hybrid Heuristic Algorithm**  
BARAN E.  
International Journal of Engineering Science and Application, vol.2, no.2, pp.41-46, 2018 (Peer-Reviewed Journal)
- IV. **Optimizing Medical Waste Collection in Eskişehir by Using Multi-Objective Mathematical Model**  
BARAN E.  
Gazi University Journal of Science Part A: Engineering and Innovation, vol.4, no.4, pp.93-100, 2017 (Peer-Reviewed Journal)
- V. **A Multi-Objective Approach for The In-Plant Milk-Run in A Furniture Factory**  
BARAN E.  
International Journal of Engineering Technologies, vol.3, no.4, pp.186-189, 2017 (Peer-Reviewed Journal)
- VI. **Evaluation and Scheduling of the Car Manufacturing Factory's Employers' Work Shifts**  
BARAN E.  
International Journal of Engineering Technologies, vol.3, no.1, pp.14-18, 2017 (Peer-Reviewed Journal)
- VII. **A Model Suggestion To Determine The Order Quantity In Supplier Selection Problems**  
BARAN E., EROL S.  
Gazi University Journal of Science Part A: Engineering And Innovation, vol.3, no.3, pp.45-50, 2015 (Peer-Reviewed Journal)

## Metrics

Publication: 9

Citation (Scopus): 8

H-Index (Scopus): 1

## Awards

Baran E., TÜBİTAK Akademik Yayın Teşvik Ödülü, Tübitak, March 2022

Baran E., Akademik Teşvik Ödülü, Yök, January 2018