

## Asst. Prof. ZAFER DURAKLI



### Personal Information

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### International Researcher IDs

ScholarID: ewlyp7EAAAAJ

ORCID: 0000-0003-0591-9633

ScopusID: 57393471400

Yoksis Researcher ID: 114837

### Education Information

Doctorate, Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 2017 - 2022

Postgraduate, Atatürk University, Eğitim Bilimleri, Bilgisayar Ve Öğretim Teknolojileri, Turkey 2014 - 2017

Undergraduate, Marmara University, Faculty Of Technical Education, Bilgisayar Ve Kontrol Teknolojileri, Turkey 2002 - 2006

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Education Management and Planning, EĞİTİMCİLERİN EĞİTİMİ, Erzincan Binali Yıldırım Üniversitesi, 2022

Occupational Health and Safety, C Sınıfı İş Güvenliği Uzmanlığı, Çalışma ve Sosyal Güvenlik Bakanlığı, 2014

### Dissertations

Doctorate, Stackelberg Dengesine Göre Formasyon Kontrolünün Sezgisel Yöntemlerle Sağlanması, Karadeniz Technical University, Fen Bilimleri Enstitüsü, -, 2022

Postgraduate, ÖĞRENCİLERİN TABLET UYUMLU DERS İÇERİKLERİ İLE ÇALIŞMA EĞİLİMLERİNİN İNCELENMESİ, Atatürk Üniversitesi, Eğitim Fakültesi, Bilgisayar Ve Öğretim Teknolojileri, 2017

### Research Areas

Control and System Engineering, Robotics and Mechatronics Systems, Signal Processing, Computer Sciences, algorithms, Computer Vision, bioinformatics, Artificial Intelligence, Computer Learning and Pattern Recognition, Engineering and Technology

## Academic Titles / Tasks

Assistant Professor, Erzincan Binali Yildirim University, Mühendislik-Mimarlık Fakültesi, Bilgisayar Mühendisliği Bölümü, 2023 - Continues

Lecturer, Erzincan Binali Yildirim University, Üzümlü Meslek Yüksekokulu, Bilgisayar Teknolojileri Bölümü, 2009 - 2023

## Academic and Administrative Experience

Staj Koordinatörü, Erzincan Binali Yildirim University, Mühendislik-Mimarlık Fakültesi, Bilgisayar Mühendisliği Bölümü, 2024 - Continues

Staj Koordinatörü, Erzincan Binali Yildirim University, Üzümlü Meslek Yüksekokulu, Bilgisayar Teknolojileri Bölümü, 2009 - 2023

Head of Department, Erzincan Binali Yildirim University, Üzümlü Meslek Yüksekokulu, Bilgisayar Teknolojileri Bölümü, 2009 - 2022

## Courses

Bitirme Projesi 1, Undergraduate, 2024 - 2025

PROGRAMLAMA TEMELLERİ, Associate Degree, 2024 - 2025

Algoritma ve Programlama II, Undergraduate, 2023 - 2024

Bilgisayarla Görme, Undergraduate, 2024 - 2025

GENEL MATEMATİK, Associate Degree, 2024 - 2025

BİLGİSAYAR DONANIMI, Associate Degree, 2024 - 2025

Ayrık Matematik, Undergraduate, 2024 - 2025

Pekiştirmeli Öğrenme, Postgraduate, 2024 - 2025

COMPUTER HARDWARE, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Programming Fundamentals, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

BİLGİSAYARLA GÖRME, Undergraduate, 2023 - 2024

SİSTEM ANALİZİ VE TASARIMI, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

TEKNOLOJİ BAĞIMLILIĞI VE BİLİŞİM ETİĞİ, Undergraduate, 2022 - 2023

WEB PROJESİ YÖNETİMİ, Associate Degree, 2021 - 2022, 2020 - 2021

GÖRSEL PROGRAMLAMA II, Associate Degree, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

NESNE TABANLI PROGRAMLAMA I, Associate Degree, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

AĞ TEMELLERİ, Associate Degree, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

NESNE TABANLI PROGRAMLAMA II, Associate Degree, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

İNTERNET PROGRAMCILIĞI II, Associate Degree, 2019 - 2020, 2018 - 2019, 2017 - 2018

YAPAY ZEKA, Undergraduate, 2019 - 2020

PROGRAMLAMA TEMELLERİ, Associate Degree, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

AĞ TEMELLERİ, Associate Degree, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

WEB TASARIMININ TEMELLERİ, Associate Degree, 2019 - 2020

SUNUCU İŞLETİM SİSTEMLERİ, Associate Degree, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

MİKRO DENETLEYİCİLER, Associate Degree, 2019 - 2020

WEB TASARIMININ TEMELLERİ, Associate Degree, 2019 - 2020

GÖRSEL PROGRAMLAMA I, Associate Degree, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

İNTERNET PROGRAMCILIĞI II, Associate Degree, 2019 - 2020  
WEB PROJESİ YÖNETİMİ, Associate Degree, 2019 - 2020  
NESNE TABANLI PROGRAMLAMA I, Associate Degree, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014  
İNTERNET PROGRAMCILIĞI I, Associate Degree, 2019 - 2020, 2018 - 2019, 2017 - 2018  
BİLGİSAYAR DONANIMI, Associate Degree, 2019 - 2020, 2018 - 2019, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014  
NESNE TABANLI PROGRAMLAMA I, Associate Degree, 2018 - 2019, 2017 - 2018, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012  
GÖRSEL PROGRAMLAMA I, Associate Degree, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015  
SİSTEM ANALİZİ VE TASARIMI, Associate Degree, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015  
GÖRSEL PROGRAMLAMA II, Associate Degree, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015  
NESNE TABANLI PROGRAMLAMA II, Associate Degree, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015  
AÇIK KAYNAK İŞLETİM SİSTEMLERİ, Associate Degree, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015  
İNTERNET PROGRAMCILIĞI II, Associate Degree, 2017 - 2018  
AĞ TEMELLERİ, Associate Degree, 2017 - 2018, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012  
SUNUCU İŞLETİM SİSTEMLERİ, Associate Degree, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015  
WEB PROJESİ YÖNETİMİ, Associate Degree, 2017 - 2018  
İNTERNET PROGRAMCILIĞI I, Associate Degree, 2018 - 2019, 2017 - 2018  
BİLGİSAYAR DONANIMI, Associate Degree, 2017 - 2018, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012  
ÇEVRE KORUMA, Associate Degree, 2016 - 2017, 2015 - 2016, 2014 - 2015  
SİSTEM ANALİZİ VE TASARIMI, Associate Degree, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013  
PROGRAMLAMA TEMELLERİ, Associate Degree, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012  
GÖRSEL PROGRAMLAMA II, Associate Degree, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013  
SUNUCU İŞLETİM SİSTEMLERİ, Associate Degree, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013  
İNTERNET PROGRAMCILIĞI I, Associate Degree, 2017 - 2018  
GÖRSEL PROGRAMLAMA I, Associate Degree, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013  
İLETİŞİM, Associate Degree, 2016 - 2017, 2015 - 2016  
BİLGİSAYAR AĞLARI VE İLETİŞİM, Undergraduate, 2015 - 2016  
MATEMATİK II, Associate Degree, 2015 - 2016, 2014 - 2015, 2013 - 2014  
SİSTEM ANALİZİ VE TASARIMI, Associate Degree, 2015 - 2016, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011  
MATEMATİK II, Associate Degree, 2014 - 2015  
TEKNİK RESİM, Associate Degree, 2014 - 2015  
MATEMATİK, Associate Degree, 2015 - 2016, 2013 - 2014  
MATEMATİK I, Associate Degree, 2015 - 2016, 2014 - 2015, 2013 - 2014  
MATEMATİK, Associate Degree, 2015 - 2016, 2013 - 2014  
GÖRSEL PROGRAMLAMA II, Associate Degree, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011  
OFİS YAZILIMLARI, Associate Degree, 2014 - 2015, 2013 - 2014  
MESLEKİ MATEMATİK II, Associate Degree, 2013 - 2014  
TİCARİ MATEMATİK, Associate Degree, 2013 - 2014  
OFİS YAZILIMLARI, Associate Degree, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012  
ALGORİTMA VE PROGRAMLAMAYA GİRİŞ, Associate Degree, 2014 - 2015, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010  
BİLGİSAYARLI KONTROL, Associate Degree, 2013 - 2014, 2011 - 2012, 2010 - 2011  
BİLGİSAYAR AĞ SİSTEMLERİ, Associate Degree, 2014 - 2015, 2012 - 2013, 2011 - 2012, 2010 - 2011  
ÇEVRE KORUMA, Associate Degree, 2013 - 2014  
İŞLETİM SİSTEMLERİ, Associate Degree, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

MATEMATİK, Associate Degree, 2014 - 2015, 2013 - 2014  
C PROGRAMLAMA I, Associate Degree, 2014 - 2015, 2012 - 2013, 2011 - 2012, 2010 - 2011  
TEMEL ELEKTRONİK, Associate Degree, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010  
MİKRO BİLGİSAYAR SİSTEMLERİ VE ASSEMBLER, Associate Degree, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011  
KALİTE GÜVENÇE VE STANDARTLARI, Associate Degree, 2013 - 2014  
GÖRSEL PROGRAMLAMA I, Associate Degree, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011  
TİCARİ MATEMATİK, Associate Degree, 2013 - 2014  
ARAŞTIRMA TEKNİKLERİ VE SEMİNER, Associate Degree, 2013 - 2014, 2012 - 2013  
GENEL MATEMATİK, Associate Degree, 2013 - 2014  
İŞLETME YÖNETİMİ, Associate Degree, 2012 - 2013  
GENEL MATEMATİK, Associate Degree, 2013 - 2014  
ULUSLARARASI FİNANSMAN, Associate Degree, 2013 - 2014  
MESLEKİ MATEMATİK I, Associate Degree, 2013 - 2014  
BİLGİSAYAR DONANIMI, Associate Degree, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010  
TEKNİK RESİM, Associate Degree, 2013 - 2014, 2012 - 2013  
VERİ YAPILARI VE PROGRAMLAMA, Associate Degree, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010  
ENTEĞRE OFİS, Associate Degree, 2013 - 2014, 2011 - 2012, 2010 - 2011, 2009 - 2010  
MİKRO DENETLEYİCİLER, Associate Degree, 2012 - 2013  
MATEMATİK I, Associate Degree, 2013 - 2014  
BİLGİSAYAR I, Associate Degree, 2012 - 2013  
GRAFİK VE ANİMASYON I, Associate Degree, 2011 - 2012  
TEKNOLOJİNİN BİLİMSEL İLKELERİ, Associate Degree, 2012 - 2013, 2011 - 2012  
GRAFİK VE ANİMASYON , Associate Degree, 2011 - 2012, 2010 - 2011, 2009 - 2010  
TEKNOLOJİNİN BİLİMSEL İLKELERİ, Associate Degree, 2011 - 2012  
VERİ TABANI YÖNETİM SİSTEMLERİ I, Associate Degree, 2009 - 2010  
BİLGİSAYAR II, Associate Degree, 2009 - 2010  
BİLGİSAYAR II, Associate Degree, 2009 - 2010  
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BİLGİSAYAR II, Associate Degree, 2009 - 2010  
TEMEL BİLGİ TEKNOLOJİLERİ , Associate Degree, 2009 - 2010  
TEKNİK RESİM, Associate Degree, 2010 - 2011, 2009 - 2010  
BİLGİSAYAR II, Associate Degree, 2009 - 2010  
BİLGİSAYAR I, Associate Degree, 2009 - 2010  
BİLGİSAYAR I , Associate Degree, 2009 - 2010  
BİLGİSAYAR I, Associate Degree, 2009 - 2010  
BİLGİSAYAR I, Associate Degree, 2009 - 2010  
BİLGİSAYAR I , Associate Degree, 2009 - 2010  
BİLGİSAYAR I, Associate Degree, 2009 - 2010

## **Jury Memberships**

Post Graduate, Post Graduate, Kütahya Dumlupınar Üniversitesi, January, 2024

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

- I. A new approach based on Bezier curves to solve path planning problems for mobile robots**  
Duraklı Z., Nabıyev V.  
Journal of Computational Science, vol.58, 2022 (SCI-Expanded)

## Refereed Congress / Symposium Publications in Proceedings

### I. Node selection in retrace in pathfinding with the Lee algorithm

Duraklı Z., Nabyev V.

2nd International Congress on Scientific Advances (ICONSAD'22), Konya, Turkey, 21 - 24 December 2022, pp.590-600

## Supported Projects

SARIGÖL M., DURAKLI Z., Project Supported by Higher Education Institutions, Kızılırmak Nehrinde Günlük Ortalama Akımların Yapay Sinir Ağları ve Bulanık Mantık Metodları Kullanılarak Taşkın Öteleme Hesaplarında Kullanılması, 2021 - 2022

## Scientific Refereeing

EXPERT SYSTEMS WITH APPLICATIONS, Journal Indexed in SCI-E, April 2024

EXPERT SYSTEMS WITH APPLICATIONS, Journal Indexed in SCI-E, October 2023

ISA TRANSACTIONS, Journal Indexed in SCI-E, September 2023

EXPERT SYSTEMS WITH APPLICATIONS, Journal Indexed in SCI-E, August 2023

EXPERT SYSTEMS WITH APPLICATIONS, Journal Indexed in SCI-E, August 2023

Journal of scientific reports-A (Online), National Scientific Refreed Journal, July 2023

EXPERT SYSTEMS WITH APPLICATIONS, Journal Indexed in SCI-E, June 2023

EXPERT SYSTEMS WITH APPLICATIONS, Journal Indexed in SCI-E, May 2023

EXPERT SYSTEMS WITH APPLICATIONS, Journal Indexed in SCI-E, April 2023

EXPERT SYSTEMS WITH APPLICATIONS, Journal Indexed in SCI-E, April 2023

ISA TRANSACTIONS, Journal Indexed in SCI-E, March 2023

ISA TRANSACTIONS, Journal Indexed in SCI-E, March 2023

## Metrics

Publication: 2

Citation (WoS): 24

Citation (Scopus): 34

H-Index (WoS): 1

H-Index (Scopus): 1