

# ZEKİ YILBAŞI

## ASST. PROF.

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66200, Merkez/YOZGAT

### International Researcher IDs

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Publons / Web Of Science ResearcherID: AFX-2446-2022

ScopusID: 37068368700

Yoksis Researcher ID:

[http://akademik.yok.gov.tr/AkademikArama/AkademisyenGorevOgrenimBilgileri?  
islem=direct&authorId=C6A934A801AA5B6E](http://akademik.yok.gov.tr/AkademikArama/AkademisyenGorevOgrenimBilgileri?islem=direct&authorId=C6A934A801AA5B6E)



### Education

|                              |  |
|------------------------------|--|
| Doctorate<br>2018 - 2022     | Yozgat Bozok University, Institute of Postgraduate Education, Makine Mühendisliği (Dr), Turkey                           |
| Undergraduate<br>2020 - 2021 | Yozgat Bozok University, Faculty of Engineering-Architecture, Makine Mühendisliği, Turkey                                |
| Postgraduate<br>2004 - 2007  | Zonguldak Bülent Ecevit University, Graduate School Of Natural And Applied Sciences, Makine Eğitimi (YI) (Tezli), Turkey |
| Undergraduate<br>1999 - 2003 | Zonguldak Bülent Ecevit University, Karabük Faculty Of Technical Education, Otomotiv Öğretmenliği Pr., Turkey            |

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

- Personal Evolution, Hedefe Ulaşan TÜBİTAK Ar-Ge Projeleri: Doğru Planlama ve Yazım Teknikleri, Sobiad Akademi, 2025
- Personal Evolution, Günlük Hayatta ve Kamu Binalarında Enerji Verimliliği, ENERJİ VE TABİİ KAYNAKLAR BAKANLIĞI, 2025
- Personal Evolution, Sağlıkta Yapay Zekâ, SAĞLIK BAKANLIĞI , 2025
- Personal Evolution, Çalışma Hayatında Yapay Zekâ, ÇALIŞMA VE SOSYAL GÜVENLİK BAKANLIĞI, 2025
- Personal Evolution, Ticarete Yapay Zekâ, TİCARET BAKANLIĞI, 2025
- Personal Evolution, Enerjide Yapay Zekâ, ENERJİ VE TABİİ KAYNAKLAR BAKANLIĞI , 2025
- Personal Evolution, Tarımda Yapay Zekâ, TARIM VE ORMAN BAKANLIĞI, 2025
- Personal Evolution, Kamu Düzeni ve Güvenliğinde Yapay Zekâ, İÇİŞLERİ BAKANLIĞI, 2025
- Personal Evolution, Hukukta Yapay Zekâ, ADALET BAKANLIĞI, 2025

Personal Evolution, Güvenilir Yapay Zekâ Riskler, Etik Değerler ve İlkeler, DİJİTAL DÖNÜŞÜM OFİSİ BAŞKANLIĞI, 2025

Personal Evolution, Çevre, Şehircilik ve İklim Değişikliğinde Yapay Zekâ, ÇEVRE, ŞEHİRCİLİK VE İKLİM DEĞİŞİKLİĞİ BAKANLIĞI, 2025

Personal Evolution, Finasta Yapay Zekâ, HAZİNE VE MALİYE BAKANLIĞI , 2025

Personal Evolution, Kültür varlığı kaçakçılığıyla mücadele, Kültür ve Turizm Bakanlığı, 2024

Vocational Training, Improving Discoverability of Your Research: Writing for Impact and Open Access, Wiley Research Training, 2024

Vocational Training, Step by Step Guide to Writing a Literature Review, Wiley Research Training, 2024

Vocational Training, Diversity, Equity and Inclusion in Publishing: Recent Advances in the Industry and How to Prepare a More Inclusive Manuscript, Wiley Research Training, 2024

Vocational Course, Searching Wiley Online Library Using Boolean Operators, Wiley Research Training, 2024

Personal Evolution, Understanding the OA Output of Your Institution Using a Well-Known Citation Database, Wiley Research Training, 2024

Personal Evolution, Devlet Malımı Koruma ve Tasarruf Tedbirleri, Cumhurbaşkanlığı Vergi Denetim Kurulu Başkanlığı, 2024

Personal Evolution, Günlük Hayatta Su Verimliliği, Tarım ve Orman Bakanlığı, 2024

Personal Evolution, Communicating Your Research Using Social Media, Wiley Research Training, 2024

Personal Evolution, Publish with Wiley: Scientific Writing Tips for Non-Native English Speakers, Wiley Research Training, 2024

Vocational Training, Elektronik Belge Yönetim Sistemi (EBYS) Eğitimi, Yozgat Bozok Üniversitesi, 2024

Personal Evolution, Dijital Sağlık, BİLGİ TEKNOLOJİLERİ VE İLETİŞİM KURUMU BAŞKANLIĞI, 2024

Personal Evolution, Tüketici Hakem Heyetleri, Ticaret Bakanlığı, 2024

Personal Evolution, Bedelsiz Taşıt İthalatı, Ticaret Bakanlığı, 2024

Personal Evolution, Engelli Aracı İthalatı, Ticaret Bakanlığı, 2024

Vocational Training, How Peer Review Makes You a Better Researcher, Wiley Research Training, 2024

Personal Evolution, Çevre ve Sıfır Atık, ÇEVRE, ŞEHİRCİLİK VE İKLİM DEĞİŞİKLİĞİ BAKANLIĞI, 2024

Personal Evolution, Scope of TÜBİTAK ULAKBİM + WILEY Free Open Access Article Publication Agreement, Wiley Research Training, 2024

Personal Evolution, How Generative AI Changes Information Discovery, Wiley Research Training, 2024

Personal Evolution, Scope of TÜBİTAK ULAKBİM + WILEY Free Open Access Article Publication Agreement (in Turkish), Wiley Research Training, 2024

Vocational Training, Author Workshop for Authors (in Turkish) - TÜBİTAK ULAKBİM, Wiley Research Training, 2024

Vocational Training, Unlocking the Value of Wiley Scientific Journals: Making the Most out of Wiley Online Library, Wiley Research Training, 2024

Vocational Training, Scope of TÜBİTAK ULAKBİM + WILEY Free Open Access Article Publication Agreement, Wiley Research Training, 2024

Vocational Training, Scope of TÜBİTAK ULAKBİM + WILEY Free Open Access Article Publication Agreement (in Turkish), Wiley Research Training, 2024

Vocational Training, Author Workshop for Authors (in Turkish) - TÜBİTAK ULAKBİM, Wiley Research Training, 2024

Project Management, Proje Döngüsü Yönetimi (PCM) Eğitimi, Orta Anadolu Kalkınma Ajansı ve Bozok Teknopark, 2024

Personal Evolution, Dijital Okuryazarlık, Bilgi Teknolojileri ve İletişim Kurumu , 2024

Personal Evolution, İkna Becerileri , Bilgi Teknolojileri ve İletişim Kurumu, 2023

Personal Evolution, Topluluk Önünde Konuşma ve Etkili Sunum Teknikleri , Bilgi Teknolojileri ve İletişim Kurumu, 2023

Vocational Training, Kamu etiği ve kamu görevlileri etik davranış ilkeleri, Milli Eğitim Bakanlığı, 2023

Vocational Training, TÜBİTAK ULAKBİM + WILEY Ücretsiz Açık Erişim Makale Yayımlama Anlaşması Temel Unsurları, Wiley, 2023

Vocational Training, Wiley dergilerinde başarıyla akademik makale yayımlayabilmek: Editörümüzden bazı önemli detaylar!, Wiley, 2023

Vocational Training, TÜBİTAK ULAKBİM + WILEY Ücretsiz açık erişim makale yayımlama temel unsurları, Wiley, 2023

Personal Evolution, Gönüllü/görevli olarak deprem sonrası, İNSAN KAYNAĞI EĞİTİM VE GELİŞTİRME DAİRESİ BAŞKANLIĞI, 2023

Personal Evolution, Deprem öncesi, İNSAN KAYNAĞI EĞİTİM VE GELİŞTİRME DAİRESİ BAŞKANLIĞI, 2023  
Personal Evolution, Deprem anı ve sonrası, İNSAN KAYNAĞI EĞİTİM VE GELİŞTİRME DAİRESİ BAŞKANLIĞI, 2023  
Personal Evolution, Depremle ilgili temel bilgiler ve Türkiye'nin depremselliği, İNSAN KAYNAĞI EĞİTİM VE GELİŞTİRME DAİRESİ BAŞKANLIĞI , 2023  
Personal Evolution, Deprem Farkındalık Eğitimi Programına Giriş, İNSAN KAYNAĞI EĞİTİM VE GELİŞTİRME DAİRESİ BAŞKANLIĞI, 2023  
Vocational Training, TÜBİTAK ULAKBİM + WILEY Ücretsiz açık erişim makale yayımlama temel unsurları certificate, WILEY, 2023  
Other, CEM ÖĞRETİR İLE ETKİLİ İLETİŞİM, T.C. İSTANBUL ÜNİVERSİTESİ SÜREKLİ EĞİTİM UYGULAMA VE ARAŞTIRMA MERKEZİ, 2023  
Project Management, Proje Yönetim Temelleri, Bilgi Teknolojileri ve İletişim Kurumu, 2023  
Vocational Training, PROQUEST DISSERTATIONS & THESES, PROQUEST EDUCATION, 2023  
Education Management and Planning, TASLAK DERS KİTABI İNCELEME VE DEĞERLENDİRME EĞİTİMİ, MİLLİ EĞİTİM BAKANLIĞI TALİM VE TERBİYE KURULU BAŞKANLIĞI, 2022  
Occupational Health and Safety, İŞ SAĞLIĞI VE GÜVENLİĞİ, YOZGAT BOZOK ÜNİVERSİTESİ, 2022  
Personal Evolution, Research Performance, Strategy and Collaboration with InCites B&A and ESI, CLARIVATE, 2022  
Vocational Training, Web of Science Core Collection, CLARIVATE, 2022  
Occupational Health and Safety, Afet Farkındalık Eğitimi, T.C. İÇİŞLERİ BAKANLIĞI AFET VE ACİL DURUM YÖNETİMİ BAŞKANLIĞI, 2022  
Vocational Training, Mesleki Gelişim Seminerleri, YOZGAT BOZOK ÜNİVERSİTESİ, 2022  
Personal Evolution, Tez Yazımını Destekleyen ProQuest Yazar Çalıştayı, ProQuest LLC. , 2021  
Renewable Energy Sources, 6th Renewable Energy Systems Winter School, Afyon Kocatepe Üniversitesi, 2021  
Cyber Security, Siber Güvenlik Farkındalık Eğitimi, YOZGAT BOZOK ÜNİVERSİTESİ, 2021  
Vocational Course, 17th Exergy and Its Applications Course, Ankara Yıldırım Beyazıt Üniversitesi, 2020  
Personal Evolution, Web of Science Core Collection: Keşif Burada Başlıyor!, Web of Science Group, 2020

## Dissertations

Doctorate, Kenevir (Cannabis sativa L.) yağı biyodizeli-dizel yakıt karışımına farklı ağır alkol ve atık EPS ilavelerinin bir dizel motorun karakteristikleri üzerine etkileri ile termodinamik, ekonomik ve çevresel analizleri, Yozgat Bozok University, Institute of Postgraduate Education, Makine Mühendisliği, 2022  
Postgraduate, Bir dizel motorun performansının ekserji analizi ile belirlenmesi, Zonguldak Bülent Ecevit University, Fen Bilimleri Enstitüsü, Makine Eğitimi (YI) (Tezli), 2007

## Academic Titles / Tasks

|   |   |
|---|---|
| Assistant Professor<br>2022 - Continues | Yozgat Bozok University, Yozgat Vocational School, Motorlu Araçlar ve Ulaştırma Teknolojileri           |
| Lecturer<br>2021 - 2022                 | Yozgat Bozok University, Yozgat Vocational School, Motorlu Araçlar ve Ulaştırma Teknolojileri           |
| Lecturer<br>2017 - 2021                 | Yozgat Bozok University, Teknik Bilimler Meslek Yüksekokulu, Motorlu Araçlar ve Ulaştırma Teknolojileri |
| Lecturer<br>2008 - 2017                 | Yozgat Bozok University, Akdağmadeni Vocational School, Ulaştırma Hizmetleri                            |

## Supported Projects

1. Yılbaşı Z., Çakır E., TUBITAK Project, Keten tohumu (Linum L.) yağından biyodizel üretimi: Taguchi yöntemi ile optimizasyon çalışması, 2022 - 2024
2. Yılbaşı Z., Ateş E., TUBITAK Project, Dizel motorlu bir jeneratörde kenevir tohumu yağı biyodizeli, dizel ve alkol kullanımının motor performansı ve gürültü emisyonu üzerine etkileri, 2022 - 2024
3. Yılbaşı Z., Yazılıtaş C., TUBITAK Project, Kenevir tohumu (Cannabis sativa L.) yağından biyodizel üretiminin yanıt yüzey metodolojisi ile optimizasyonu, 2022 - 2024
4. Arslan M., Yeşilyurt M. K., Yılbaşı Z., Project Supported by Higher Education Institutions, Effects of the additions of different higher alcohol and waste EPS into hemp (Cannabis sativa L.) oil biodiesel-diesel fuel blend on the characteristics of a diesel engine and thermodynamic, economic and environmental analyses, 2019 - 2023
5. Yeşilyurt M. K., Yılbaşı Z., Project Supported by Higher Education Institutions, Pentanol/aspir yağ biyodizeli/dizel yakıtı üçlü karışımlarını kullanan modifiye edilmemiş bir dizel motorunun performans, egzoz emisyonları ve yanma karakteristikleri, 2019 - 2021

## Awards

1. Yılbaşı Z., ULAKBİM YAYIN TEŞVİK, Tübitak, December 2023
2. Yılbaşı Z., ULAKBİM YAYIN TEŞVİK 1, Tübitak, December 2021
3. Yılbaşı Z., ULAKBİM YAYIN TEŞVİK 1, Tübitak, December 2020
4. Yılbaşı Z., ULAKBİM YAYIN TEŞVİK 2, Tübitak, December 2020

## Jury Memberships

Post Graduate, Post Graduate, Kırıkkale Üniversitesi, July, 2024

Competition, TEKNOFEST 2023 TEKNOLOJİ YARIŞMALARI / DEĞERLENDİRİCİ ÜYE, TEKNOFEST - TÜRKİYE TEKNOLOJİ TAKIMI, May, 2023

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

1. **Prediction of greenhouse gas emissions in Türkiye with long short-term memory (LSTM) and 1-dimensional convolutional neural network (1-DCNN) algorithms**  
Yılbaşı Z., Çınar G., Coşkun N. Y., Yeşilyurt M. K.  
INTERNATIONAL JOURNAL OF GREEN ENERGY, vol.22, pp.1-27, 2025 (SCI-Expanded)
2. **Application of various machine learning algorithms in view of predicting the CO2 emissions in the transportation sector**  
Çınar G., Yeşilyurt M. K., Ağbulut Ü., Yılbaşı Z., Kılıç K.  
Science and Technology for Energy Transition (STET), vol.79, 2024 (SCI-Expanded)
3. **Energy, exergy, and exergoeconomic assessment of a compression-ignition engine powered by 1-pentanol, 1-hexanol, or 1-heptanol/hempseed oil biodiesel/diesel**  
Yılbaşı Z., Yeşilyurt M. K., Arslan M., Yaman H.  
INTERNATIONAL JOURNAL OF EXERGY, vol.42, no.4, pp.410-432, 2023 (SCI-Expanded)
4. **Thermodynamic and economic analyses of a spark-ignition engine operating with bioethanol-gasoline blends**  
Doğan B., Yılbaşı Z., Yaman H., Yeşilyurt M. K.  
Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, vol.45, no.4, pp.10697-10719, 2023 (SCI-Expanded)
5. **The production of methyl ester from industrial grade hemp (Cannabis sativa L.) seed oil: a**

### **perspective of Turkey - the optimization study using the Taguchi method**

Yılbaşı Z., Yesilyurt M. K., Arslan M.

BIOMASS CONVERSION AND BIOREFINERY, vol.13, no.11, pp.9955-9975, 2023 (SCI-Expanded)

6. **The industrial-grade hemp (*Cannabis sativa* L.) seed oil biodiesel application in a diesel engine: combustion, harmful pollutants, and performance characteristics**  
Yılbaşı Z., Yesilyurt M. K., Yaman H., Arslan M.  
Science and Technology for Energy Transition, vol.77, no.15, pp.1-36, 2022 (SCI-Expanded)
7. **Investigation on the structural effects of the addition of alcohols having various chain lengths into the vegetable oil-biodiesel-diesel fuel blends: An attempt for improving the performance, combustion, and exhaust emission characteristics of a compression ignition engine**  
YEŞİLYURT M. K., Aydın M., YILBAŞI Z., ARSLAN M.  
FUEL, vol.269, 2020 (SCI-Expanded)
8. **The performance, emissions, and combustion characteristics of an unmodified diesel engine running on the ternary blends of pentanol/safflower oil biodiesel/diesel fuel**  
Yeşilyurt M. K., Yılbaşı Z., Aydın M.  
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.140, no.6, pp.2903-2942, 2020 (SCI-Expanded)
9. **The production of biodiesel from safflower (*Carthamus tinctorius* L.) oil as a potential feedstock and its usage in compression ignition engine: A comprehensive review**  
Yeşilyurt M. K., Cesur C., Aslan V., Yılbaşı Z.  
RENEWABLE & SUSTAINABLE ENERGY REVIEWS, vol.119, 2020 (SCI-Expanded)

### **Articles Published in Other Journals**

1. **Optimization of ethyl ester production from linseed oil using the Taguchi method with an L16 orthogonal design matrix**  
Yılbaşı Z.  
International journal of energy studies (Online), vol.10, no.1, pp.1043-1071, 2025 (Peer-Reviewed Journal)
2. **Biodiesel production from hempseed (*Cannabis sativa* L.) oil: Providing optimum conditions by response surface methodology**  
Yazilitaş C., Yılbaşı Z., Yeşilyurt M. K.  
Science and Technology for Energy Transition (STET), vol.79, 2024 (Scopus)
3. **Understanding the performance, emissions, and combustion behaviors of a DI diesel engine using alcohol/hemp seed oil biodiesel/diesel fuel ternary blends: Influence of long-chain alcohol type and concentration**  
Yılbaşı Z., Yeşilyurt M. K., Arslan M., Yaman H.  
Science and Technology for Energy Transition (STET), vol.78, no.1, 2023 (Scopus)
4. **Application of Energy and Exergy Analyses to a CI Engine Using Biodiesel Fuel**  
Sekmen P., Yılbaşı Z.  
Mathematical and Computational Applications, vol.16, no.4, pp.797-808, 2011 (Scopus)

### **Papers Published in Refereed Scientific Meetings**

1. **A Study Regarding The Covid-19 Effect On The Oil Markets**  
Yılbaşı Z., Yeşilyurt M. K., Arslan M.  
International World Energy Conference, Kayseri, Turkey, 3 - 04 December 2021, pp.39-44
2. **Analysis of a spark-ignition engine fueled with gasoline/acetone blends in view of energy, exergy, and sustainability index**  
YEŞİLYURT M. K., YAMAN H., YILBAŞI Z.  
Çukurova 5th International Scientific Researches Conference, Adana, Turkey, 9 - 11 October 2020, pp.420-449

3. **Insights into the biodiesel derived from hemp (Cannabis sativa L.) seed oil as an important raw material and its fuel characteristics**  
Yılbaşı Z., Yeşilyurt M. K., Arslan M.  
4. International Marmara Sciences Congress (IMASCON-Spring 2020), Kocaeli, Turkey, 19 - 20 June 2020, pp.571-584
4. **The effects of hexanol-diesel fuel blends on the performance and emissions of a compression-ignition engine**  
YILBAŞI Z., YEŞİLYURT M. K.  
4th International Zeugma Conference on Scientific Researches, Gaziantep, Turkey, 29 - 31 May 2020, pp.327-342
5. **Dizel-biyodizel-aseton karışımlarını kullanan tek silindirli bir dizel motorun performans ve emisyon karakteristikleri açısından değerlendirilmesi**  
YEŞİLYURT M. K., YILBAŞI Z.  
7th International Scientific Research Congress (UBAK 2020), Ankara, Turkey, 13 - 14 March 2020, pp.329-349

### Academic and Administrative Experience

|                  |  |   |
|------------------|--|---|
| 2023 - Continues | <b>Vocational School Management Board Member</b>                       | Yozgat Bozok University, Yozgat Vocational School   |
| 2021 - Continues | <b>Head of Department</b>  | Yozgat Bozok University, Yozgat Vocational School, Motorlu Araçlar ve Ulaştırma Teknolojileri           |
| 2021 - Continues | <b>Chairperson of Department Quality Commission</b>                    | Yozgat Bozok University, Yozgat Vocational School, Motorlu Araçlar ve Ulaştırma Teknolojileri           |
| 2021 - Continues | <b>Member of Unit Quality Commission</b>                               | Yozgat Bozok University, Yozgat Vocational School, Motorlu Araçlar ve Ulaştırma Teknolojileri           |
| 2021 - Continues | <b>Department Academic Incentive Evaluation Commission Chairperson</b> | Yozgat Bozok University, Yozgat Vocational School, Motorlu Araçlar ve Ulaştırma Teknolojileri           |
| 2020 - Continues | <b>Vocational School Board Member</b>                                  | Yozgat Bozok University, Yozgat Vocational School   |
| 2018 - 2021      | <b>Vocational School Board Member</b>                                  | Yozgat Bozok University, Teknik Bilimler Meslek Yüksekokulu   |
| 2018 - 2021      | <b>Head of Department</b>  | Yozgat Bozok University, Teknik Bilimler Meslek Yüksekokulu, Motorlu Araçlar ve Ulaştırma Teknolojileri |
| 2017 - 2021      | <b>Vocational School Management Board Member</b>                       | Yozgat Bozok University, Teknik Bilimler Meslek Yüksekokulu   |
| 2017 - 2021      | <b>Assistant Director of Vocational School</b>                         | Yozgat Bozok University, Teknik Bilimler Meslek Yüksekokulu   |
| 2015 - 2016      | <b>Assistant Director of Vocational School</b>                         | Yozgat Bozok University, Akdağmadeni Vocational School  |

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| 2015 - 2016 | <b>Vocational School Management Board</b>    | Yozgat Bozok University, Akdağmadeni Vocational School                       |
| 2013 - 2016 | <b>Member Vocational School Board Member</b> | Yozgat Bozok University, Akdağmadeni Vocational School                       |
| 2013 - 2015 | <b>Head of Department</b>                    | Yozgat Bozok University, Akdağmadeni Vocational School, Ulaştırma Hizmetleri |

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## Courses

### Postgraduate

TEZ ÇALIŞMASI, Postgraduate, 2023 - 2024, 2022 - 2023

UZMANLIK ALAN DERSİ, Postgraduate, 2023 - 2024, 2022 - 2023

### Undergraduate

Motor ve Araç Teknolojisi, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023

### Associate Degree

OTOMOTİVDE YENİ TEKNOLOJİLER, Associate Degree, 2024 - 2025, 2023 - 2024, 2020 - 2021, 2018 - 2019

Karayolu Trafik Bilgisi, Associate Degree, 2024 - 2025, 2023 - 2024, 2022 - 2023

İŞLETMEDE MESLEKİ EĞİTİM, Associate Degree, 2024 - 2025, 2023 - 2024, 2022 - 2023

ULAŞTIRMA SİSTEMLERİ, Associate Degree, 2024 - 2025, 2022 - 2023

ALTERNATİF MOTORLAR VE YAKIT SİSTEMLERİ, Associate Degree, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

Hareket Kontrol Sistemleri, Associate Degree, 2024 - 2025, 2023 - 2024

YENİLENEBİLİR ENERJİ SİSTEMLERİ, Associate Degree, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022

Emisyon Kontrol Sistemleri, Associate Degree, 2024 - 2025, 2023 - 2024

TERMODİNAMİK, Associate Degree, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2017 - 2018

STAJ, Associate Degree, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022

İlk Yardım, Associate Degree, 2021 - 2022

YAKITLAR VE YANMA, Associate Degree, 2021 - 2022

ULAŞTIRMA SİSTEMLERİ, Associate Degree, 2021 - 2022

TAŞIT GÜVENLİK VE KONFOR SİSTEMLERİ, Associate Degree, 2020 - 2021, 2018 - 2019

SERVİS İŞLETMECİLİĞİ VE MÜŞTERİ İLİŞKİLERİ, Associate Degree, 2020 - 2021, 2018 - 2019

KALİTE GÜVENCESİ VE STANDARTLAR, Associate Degree, 2020 - 2021, 2018 - 2019

MEKANİK VE DİNAMİK, Associate Degree, 2020 - 2021, 2017 - 2018

MOTOR VE TAŞIT DİAGNOSTİK, Associate Degree, 2020 - 2021

KALİTE GÜVENCE SİSTEM VE STANDARTLARI, Associate Degree, 2019 - 2020

KALİTE KONTROL, Associate Degree, 2019 - 2020

Girişimcilik, Associate Degree, 2019 - 2020, 2018 - 2019, 2017 - 2018

TERSİNE MÜHENDİSLİK VE KALİTE KONTROL, Associate Degree, 2019 - 2020, 2017 - 2018

SİSTEM ANALİZİ VE TASARIMI, Associate Degree, 2018 - 2019, 2015 - 2016

BİLGİ VE İLETİŞİM TEKNOLOJİSİ, Associate Degree, 2018 - 2019, 2016 - 2017

MESLEK ETİĞİ, Associate Degree, 2018 - 2019, 2017 - 2018

MOTOR TEKNOLOJİSİ, Associate Degree, 2018 - 2019

OTOMOTİV ELEKTİRİK VE ELEKTRONİĞİ, Associate Degree, 2018 - 2019, 2017 - 2018

İŞLETME YÖNETİMİ II, Associate Degree, 2017 - 2018

KALİTE GÜVENCE VE STANDARTLARI, Associate Degree, 2017 - 2018

İŞLETME YÖNETİMİ, Associate Degree, 2017 - 2018

TAŞIT MOTORLARI I, Associate Degree, 2016 - 2017, 2015 - 2016, 2013 - 2014

ÇEVRE VE SOSYAL SORUMLULUK, Associate Degree, 2016 - 2017, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012  
UYGULAMALI SÜRÜCÜ EĞİTİMİ I, Associate Degree, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2012 - 2013, 2011 - 2012  
YÖNLENDİRİLMİŞ ÇALIŞMA I, Associate Degree, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014  
UYGULAMALI SÜRÜCÜ EĞİTİMİ II, Associate Degree, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2011 - 2012  
BİLGİSAYAR DESTEKLİ TASARIM II, Associate Degree, 2015 - 2016  
TAŞIT MOTORLARI II, Associate Degree, 2015 - 2016, 2014 - 2015  
KİTLE TAŞIMACILIĞI, Associate Degree, 2015 - 2016  
YÖNLENDİRİLMİŞ ÇALIŞMA II, Associate Degree, 2015 - 2016, 2014 - 2015, 2013 - 2014  
SİSTEM ANALİZİ VE TASARIMI I, Associate Degree, 2015 - 2016  
TEMEL BİLGİSAYAR TEKNOLOJİLERİ KULLANIMI, Associate Degree, 2014 - 2015  
HARİTA VE YOL BİLGİSİ, Associate Degree, 2014 - 2015, 2013 - 2014  
İLETİŞİM, Associate Degree, 2014 - 2015, 2011 - 2012  
KENTİÇİ ULAŞIM, Associate Degree, 2014 - 2015  
MESLEKİ İNGİLİZCE I, Associate Degree, 2014 - 2015  
SİGORTA VE TAŞIMACILIK HUKUKU, Associate Degree, 2014 - 2015  
Ulaştırma Mevzuatı, Associate Degree, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012  
İLERİ SÜRÜCÜLÜK TEKNİKLERİ, Associate Degree, 2014 - 2015, 2013 - 2014, 2011 - 2012  
İLK YARDIM VE SAĞLIK BİLGİSİ I, Associate Degree, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012  
GÖRGÜ KURALLARI, Associate Degree, 2014 - 2015, 2013 - 2014  
ULAŞTIRMA SİSTEMLERİ, Associate Degree, 2013 - 2014, 2012 - 2013, 2011 - 2012  
OTOBÜSTE TEKNİK SİSTEMLER, Associate Degree, 2013 - 2014, 2012 - 2013, 2011 - 2012  
MAKİNE BİLİMİ VE ELEMANLARI, Associate Degree, 2013 - 2014  
MAKİNE ELEMANLARI, Associate Degree, 2013 - 2014  
SÜRÜCÜLÜK PSİKOLOJİSİ, Associate Degree, 2013 - 2014, 2012 - 2013  
İLK YARDIM VE SAĞLIK BİLGİSİ II, Associate Degree, 2013 - 2014, 2012 - 2013, 2011 - 2012  
GENEL TRAFİK BİLGİSİ-I, Associate Degree, 2013 - 2014, 2012 - 2013, 2011 - 2012  
TAŞIT ELEKTRİK SİSTEMLERİ, Associate Degree, 2012 - 2013, 2011 - 2012  
TAŞIT MOTORLARI, Associate Degree, 2012 - 2013, 2011 - 2012  
ARAÇ VE YOL GÜVENLİĞİ, Associate Degree, 2012 - 2013, 2011 - 2012  
GENEL TRAFİK BİLGİSİ-II, Associate Degree, 2012 - 2013, 2011 - 2012  
MOTORLAR II, Associate Degree, 2012 - 2013, 2011 - 2012  
İş Güvenliği, Associate Degree, 2012 - 2013, 2011 - 2012  
TAŞIT MEKANİĞİ, Associate Degree, 2012 - 2013, 2011 - 2012  
DİREKSİYON EĞİTİMİ IV, Associate Degree, 2011 - 2012  
MOTORLAR I, Associate Degree, 2011 - 2012  
DİREKSİYON EĞİTİMİ III, Associate Degree, 2011 - 2012  
Meteoroloji, Associate Degree, 2011 - 2012  
Matematik, Associate Degree, 2011 - 2012

## Peer Reviews in Scientific Publications

Processes, Journal Indexed in SCI-E, March 2025  
ACS OMEGA, Journal Indexed in SCI-E, March 2025  
SCIENTIFIC REPORTS, Journal Indexed in SCI-E, March 2025  
DISCOVER APPLIED SCIENCES, Journal Indexed in ESCI, March 2025  
Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, Journal Indexed in SCI-E, March 2025  
INTERNATIONAL JOURNAL OF AMBIENT ENERGY, Journal Indexed in ESCI, February 2025  
Processes, Journal Indexed in SCI-E, February 2025  
FUELS, Journal Indexed in ESCI, January 2025  
ATMOSPHERE, Journal Indexed in SCI-E, January 2025



NATURE CLIMATE CHANGE, Journal Indexed in SCI-E, January 2025  
Processes, Journal Indexed in SCI-E, November 2024  
Processes, Journal Indexed in SCI-E, November 2024  
Processes, Journal Indexed in SCI-E, October 2024  
Processes, Journal Indexed in SCI-E, October 2024  
JOURNAL OF MARINE SCIENCE AND ENGINEERING, Journal Indexed in SCI-E, September 2024  
Processes, Journal Indexed in SCI-E, September 2024  
GLOBAL NEST JOURNAL, Journal Indexed in SCI-E, August 2024  
Fire, Journal Indexed in SCI-E, July 2024  
Processes, Journal Indexed in SCI-E, July 2024  
Processes, Journal Indexed in SCI-E, May 2024  
BUILDINGS (BASEL), Journal Indexed in SCI-E, April 2024  
Processes, Journal Indexed in SCI-E, February 2024  
ATMOSPHERE, Journal Indexed in SCI-E, December 2023  
ATMOSPHERE, Journal Indexed in SCI-E, November 2023  
Science and Technology for Energy Transition (STET), Journal Indexed in SCI-E, November 2023  
SUSTAINABILITY, Journal Indexed in SCI-E, September 2023  
SUSTAINABILITY, Journal Indexed in SCI-E, August 2023  
SUSTAINABILITY, SCI Journal, January 2023  
SUSTAINABILITY, Journal Indexed in SCI-E, December 2022  
ENERGIES, Journal Indexed in SCI-E, October 2022  
ENERGIES, Journal Indexed in SCI-E, October 2022  
INTERNATIONAL JOURNAL OF AMBIENT ENERGY, Journal Indexed in SCI-E, June 2022  
BIOMASS CONVERSION AND BIOREFINERY, Journal Indexed in SCI-E, February 2022

## Scientific Consultations

TÜBİTAK 2209-A Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Project Consultancy, Yozgat Bozok University, Yozgat Vocational School, Motorlu Araçlar ve Ulaştırma Teknolojileri, Turkey, 2023 - Continues  
TÜBİTAK 2209-A Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Project Consultancy, Yozgat Bozok University, Yozgat Vocational School, Motorlu Araçlar ve Ulaştırma Teknolojileri, Turkey, 2023 - Continues  
TÜBİTAK 2209-A Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Project Consultancy, Yozgat Bozok University, Yozgat Vocational School, Motorlu Araçlar Ve Ulaştırma Teknolojileri, Turkey, 2022 - 2024

## Metrics

Publication: 18  
Citation (WoS): 306  
Citation (Scopus): 454  
H-Index (WoS): 7  
H-Index (Scopus): 7

## Congress and Symposium Activities

International World Energy Conference, Attendee, Kayseri, Turkey, 2021  
Çukurova 5th International Scientific Researches Conference, Attendee, Adana, Turkey, 2020  
4. International Marmara Sciences Congress (IMASCON-Spring 2020), Attendee, Kocaeli, Turkey, 2020  
4th International Zeugma Conference on Scientific Researches, Attendee, Gaziantep, Turkey, 2020

7th International Scientific Research Congress (UBAK 2020), Attendee, Ankara, Turkey, 2020

## Research Areas

Mechanical Engineering, Fuels and Combustion, Internal Combustion Engines