

## Lect. MAHMUT NEDİM TANSU

### Personal Information

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### International Researcher IDs

ORCID: 0000-0003-4494-3409

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### Education Information

Doctorate, Yildiz Technical University, Fen Bilimleri Enstitüsü, Isı Ve Proses (Dr), Turkey 2022 - Continues

Postgraduate, Firat University, Fen Bilimleri Enstitüsü, Otomotiv Mühendisliği (YI) (Tezli), Turkey 2014 - 2018

Undergraduate Double Major, Firat University, Teknoloji Fakültesi, Makine Mühendisliği Bölümü, Turkey 2015 - 2016

Undergraduate, Firat University, Teknik Eğitim Fakültesi, Makine Eğitimi Bölümü, Turkey 2009 - 2013

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Foreign Language, IELTS Eğitimi B2, Marmara Üniversitesi, 2019

### Dissertations

Postgraduate, Borlama yönteminin volan, krank ve kam mili üzerine etkisinin araştırılması, Firat University, Institute Of Science, Otomotiv Mühendisliği (YI) (Tezli), 2018

### Research Areas

Engineering and Technology

### Academic Titles / Tasks

Lecturer, Istanbul Gelisim University, ISTANBUL GELISIM VOCATIONAL SCHOOL, Motorlu Araçlar Ve Ulaştırma Teknolojileri Bölümü, 2018 - Continues

### Academic and Administrative Experience

Staj Koordinatörü, Istanbul Gelisim University, ISTANBUL GELISIM VOCATIONAL SCHOOL, AUTOMOTIVE TECHNOLOGY,

2023 - Continues

Program Koordinatörü, Istanbul Gelisim University, ISTANBUL GELISIM VOCATIONAL SCHOOL, AUTOMOTIVE TECHNOLOGY, 2023 - Continues

Laboratory Manager, Istanbul Gelisim University, ISTANBUL GELISIM VOCATIONAL SCHOOL, AUTOMOTIVE TECHNOLOGY, 2020 - Continues

Head of Department, Istanbul Gelisim University, ISTANBUL GELISIM VOCATIONAL SCHOOL, 2019 - Continues

Horizontal Transfer Commission President, Istanbul Gelisim University, ISTANBUL GELISIM VOCATIONAL SCHOOL, AUTOMOTIVE TECHNOLOGY, 2018 - 2024

## Courses

Taşıt Mekaniği, Associate Degree, 2023 - 2024

Motor Test ve Ayarları, Associate Degree, 2023 - 2024, 2019 - 2020

Mesleki Uygulama 3, Associate Degree, 2023 - 2024

Termodinamik, Associate Degree, 2023 - 2024, 2022 - 2023

Otomotivde Yeni Teknolojiler, Associate Degree, 2023 - 2024

İçten Yanmalı Motorlar, Associate Degree, 2023 - 2024

Akışkanlar Mekaniği, Associate Degree, 2023 - 2024, 2019 - 2020

Yenilenebilir Enerji Kaynakları, Associate Degree, 2022 - 2023

Benzinli Motor Teknolojisi, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Güç Aktarma Organları, Associate Degree, 2021 - 2022

Bilgisayar Destekli Çizim, Associate Degree, 2021 - 2022

Motorlu Taşıtlar Mekaniği, Associate Degree, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Bilgisayar Destekli Tasarım 1, Associate Degree, 2020 - 2021

FİZİK, Associate Degree, 2019 - 2020

Makine Elemanları 2, Associate Degree, 2019 - 2020

Dizel Motorlarda Yakıt Enjeksiyon Sistemleri, Associate Degree, 2019 - 2020

HAREKET KONTROL SİSTEMLERİ, Associate Degree, 2019 - 2020, 2018 - 2019

Bilgisayar Destekli Tasarım, Associate Degree, 2018 - 2019

Teknik Resim, Associate Degree, 2018 - 2019

Mesleki Resim, Associate Degree, 2018 - 2019

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

### I. Structure and properties of a boronized crankshaft coating

Hazar H., Tansu M. N.

Materialpruefung/Materials Testing, vol.62, no.2, pp.165-171, 2020 (SCI-Expanded)

## Articles Published in Other Journals

### I. TÜRKİYE'DE HİBRİD VE ELEKTRİKLİ ARAÇLARA EĞİLİMİN ARAŞTIRILMASI

Öztürk G., Tansu M. N., Uz U.

EJONS INTERNATIONAL JOURNAL ON MATHEMATICS, ENGINEERING & NATURAL SCIENCES, vol.5, no.20, pp.814-823, 2021 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

### I. INVESTIGATION OF MECHANICAL AND THERMAL PROPERTIES OF BATTERY SYSTEMS IN HYBRID

## **AND ELECTRIC VEHICLES**

TAŞER H. H., TANSU M. N.

TOKYO 8TH INTERNATIONAL INNOVATIVE STUDIES & CONTEMPORARY SCIENTIFIC RESEARCH CONGRESS,  
Tokyo, Japan, 12 January - 14 February 2024, pp.431-440

### **II. BORLAMA İŞLEMİYLE KAM(EKSANTRİK) MİLİNİN YÜZEY ÖZELLİKLERİNİN GELİŞTİRİLMESİ**

TANSU M. N., HAZAR H.

AHTAMARA I. ULUSLARARASI MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, Van, Turkey, 25 - 26 August 2018

### **III. Investigation of the Effect of the Boring Method on Crankshaft**

TANSU M. N., HAZAR H.

International Conference on Physical Chemistry and Functional Materials, Elazığ, Turkey, 19 - 21 June 2018

### **IV. Investigation of Effects of Flywheel in a Diesel Engine by Boriding Process**

HAZAR H., TANSU M. N.

International Conference on Physical Chemistry and Functional Materials, Elazığ, Turkey, 19 - 21 June 2018

### **V. The Investigation of the Effect of the Boriding Process on the Camshaft**

TANSU M. N., HAZAR H.

International Conference on Physical Chemistry and Functional Materials, Elazığ, Turkey, 19 - 21 June 2018

### **VI. 141-The Causes of Increasing Of The Attractiveness Of Migration In Our 1**

HAZAR H., TANSU M. N., İLHAN O.

3. Uluslararası Bölgesel Kalkınma Konferansı, 15 - 16 October 2015

## **Supported Projects**

Tansu M. N., Hazar H., Project Supported by Higher Education Institutions, Borlama Yönteminin Volan, Krank ve Kam Mili Üzerine Etkisinin Araştırılması, 2016 - 2018

Tansu M. N., Hazar H., EU Supported Other Project, Hayat Yeniden Başlıyor- TRH3.1.LLLII/P-03/901, 2015 - 2016