

## Lect. PhD İSMAİL AYKUT KARAMANLI

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Karabuk University, Lisansüstü Bilimler Enstitüsü, Makine Mühendisliği, Turkey 2019 - 2024

Postgraduate, Karabuk University, Fen Bilimleri Enstitüsü, Makine Mühendisliği, Turkey 2015 - 2018

Undergraduate, Karabuk University, Mühendislik Fakültesi, Makine Mühendisliği, Turkey 2009 - 2014

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Investigation of wear behaviour of plasma nitriding and induction hardened GGG60 material, Karabuk University, Lisansüstü Eğitim Enstitüsü, Makine Mühendisliği, 2024

Postgraduate, Model insansız hava aracı üretimi, Karabuk University, Fen Bilimleri Enstitüsü, Makine Mühendisliği, 2018

### Research Areas

Mechanical Engineering, Machine Theory and Dynamics, Mechanical, Finite Element Methods, Engineering and Technology

### Academic Titles / Tasks

Lecturer, Yozgat Bozok University, Sorgun Meslek Yüksekokulu, Motorlu Araçlar ve Ulaştırma Teknolojileri, 2021 - Continues

### Courses

TAŞIT MEKANİĞİ, Associate Degree, 2023 - 2024, 2021 - 2022

DİZEL MOTORLAR VE YAKIT ENJEKSİYON SİSTEMLERİ, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022

İŞLETMEDE MESLEKİ EĞİTİM, Associate Degree, 2023 - 2024

BUJİ ATEŞLEMELİ MOTORLARIN YAKIT VE ATEŞLEME SİSTEMLERİ, Associate Degree, 2023 - 2024, 2022 - 2023

İŞ MAKİNELERİ, Associate Degree, 2023 - 2024, 2022 - 2023  
İŞ SAĞLIĞI VE GÜVENLİĞİ, Undergraduate, 2023 - 2024, 2022 - 2023  
GÜÇ AKTARMA ORGANLARI, Associate Degree, 2022 - 2023, 2021 - 2022  
STAJ, Associate Degree, 2023 - 2024, 2022 - 2023  
BİLGİSAYAR DESTEKLİ TEKNİK RESİM, Associate Degree, 2023 - 2024, 2022 - 2023  
MAKİNE ELEMANLARI, Associate Degree, 2022 - 2023, 2021 - 2022  
BİLGİSAYAR DESTEKLİ ÇİZİM, Associate Degree, 2022 - 2023  
MALZEME TEKNOLOJİSİ, Associate Degree, 2022 - 2023

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

- I. Study of the Wear Resistance Plasma Nitrided GGG60 by Optimization of Surface Treatment Conditions Using Response Surface Methodology**  
KARAMANLI İ. A., Gök M. S., Küçük Y., Ünal O.  
International Journal of Metalcasting, 2024 (SCI-Expanded)

## Articles Published in Other Journals

- I. Unconventional Manufacturing Methods Applied in Machining of Ceramic Materials**  
Karamanlı İ. A., Günay M.  
Konya mühendislik bilimleri dergisi (Online), vol.10, no.4, pp.1061-1082, 2022 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. Experimental Analysis of Front Blade Attachment with Finite Element Method**  
KARAMANLI İ. A., DURSUNLAR M., YILMAZ M., YAZAR O.  
2. INTERNATIONAL TECHNOLOGY SCIENCES AND DESIGN SYMPOSIUM, Giresun, Turkey, 02 June 2022, pp.93-101
- II. Investigation of Stress Distribution and Deformation Zones in Composite Sleepers by Finite Element Method**  
DURSUNLAR M., YILMAZ M., KARAMANLI İ. A., YAZAR O.  
2nd International Symposium on Light Alloys and Composite Materials (UHAKS'22), Karabük, Turkey, 31 March 2022, pp.52-55
- III. MODEL İNSANSIZ HAVA ARACI ÜRETİMİ**  
KARAMANLI İ. A., ÇELİK M. B.  
The International Aluminium-Themed Engineering and Natural Sciences Conference, Konya, Turkey, 4 - 06 October 2019, pp.277-281
- IV. ARAÇ ŞASİ ANALİZİ: BİR UYGULAMA**  
KARAMANLI İ. A., ERTAŞ A. H., ÖZEROL B., DALĞA Ö.  
OTEKON'16 8.Otomotiv Teknolojileri Kongresi, Bursa, Turkey, 23 - 24 May 2016, pp.210-214
- V. AĞIR TİCARİ ARAÇLARDA HAVA AKIŞ HATTININ NÜMERİK ANALİZİ**  
KARAMANLI İ. A., ERTAŞ A. H., ÖZTÜRK O.  
OTEKON'14 7. Otomotiv Teknolojileri Kongresi, Bursa, Turkey, 26 - 27 May 2014

## Metrics

Publication: 7