

Lect. MUSA YILMAZ

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Necmettin Erbakan University, Institute Of Science, Makine Mühendisliği (Dr), Turkey 2020 - Continues

Postgraduate, Necmettin Erbakan University, Institute Of Science, Makine Mühendisliği (YI) (Tezli), Turkey 2017 - 2019

Undergraduate, Selcuk University, Faculty Of Engineering, Department Of Mechanical Engineering, Turkey 2012 - 2017

Foreign Languages

English, B1 Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Eğiticilerin Eğitimi, Yozgat Bozok University, 2024

Personal Evolution, Kamu Görevlileri Etik Kurulu, Uzaktan Eğitim Kapısı, 2023

Personal Evolution, Grup Önünde Konuşma, Uzaktan Eğitim Kapısı, 2023

Occupational Health and Safety, İş Sağlığı ve Güvenliği, Yozgat Bozok Üniversitesi, 2022

Cyber Security, Siber Güvenlik Farkındalık Eğitimi, Yozgat Bozok Üniversitesi, 2021

Personal Evolution, Bilgisayar Operatörlüğü, Karatay Halk Eğitim Merkezi (KONYA), 2018

Personal Evolution, İleri Excel Geliştirme ve Uyum Eğitimi, Karatay Halk Eğitim Merkezi (KONYA), 2018

Dissertations

Postgraduate, Alüminyum-karbon elyaf takviyeli kompozit levhaların yapıştırma bağlantılarındaki naylon 6.6 nano-elyaf takviyeli yapıştırıcıların farklı sıcaklıklar altındaki düşük hızlı darbe davranışları, Necmettin Erbakan University, Fen Bilimleri Enstitüsü, Makine Mühendisliği (YI) (Tezli), 2019

Research Areas

Mechanical Engineering, Mechanical, Material science and engineering, Engineering and Technology

Academic Titles / Tasks

Lecturer, Yozgat Bozok University, Sorgun Vocational School, Ulaştırma Hizmetleri, 2020 - Continues

Lecturer, National Defense University, Naval Academy, Department Of Mechanical Engineering, 2019 - 2020

Courses

Associate Degree

Ölçme Tekniği, Associate Degree, 2024 - 2025

Composite Materials, Associate Degree, 2022 - 2023

Tren ve Depo İlişkileri, Associate Degree, 2023 - 2024

Makine Elemanları, Associate Degree, 2022 - 2023

Statik - Mukavemet, Associate Degree, 2021 - 2022

Kariyer Planlama, Associate Degree, 2021 - 2022

Bilgisayar Destekli Teknik Çizim, Associate Degree, 2021 - 2022

Malzeme, Associate Degree, 2021 - 2022

Bilgisayar Destekli Teknik Resim, Associate Degree, 2021 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- Impact resistance of composite to aluminum single lap joints reinforced with graphene doped nylon 6.6 nanofibers**
YILMAZ M., Ekrem M., Avci A.
International Journal of Adhesion and Adhesives, vol.128, 2024 (SCI-Expanded)

Papers Published in Refereed Scientific Meetings

- 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
- 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
- Low Velocity Impact Resistance of Nylon 6.6 Nanofiber Reinforced Epoxy Adhesives Used in Aircrafts**
YILMAZ M., EKREM M.
International Symposium on Aircraft Technology, ISATECH-2021, Budapest, Hungary, 28 - 30 June 2021
- The Effect of Low Velocity Impact with Graphene 6.6 Nanofibers Reinforced Epoxy Adhesively Bonded Joints**
EKREM M., YILMAZ M., ATABERK N.
1st International Conference on Environment, Technology and Management (ICETEM), Niğde, Turkey, 27 - 29 June 2019
- Hava Araçlarındaki Bağlantıların N 6.6 Nano Elyaf ile Takviyelendirilmiş Epoksi Yapıştırıcılarla İyileştirilmesi**
YILMAZ M., EKREM M.
5. Uluslararası Lif ve Polimer Araştırmaları Sempozyumu, İstanbul, Turkey, 03 May 2019

Supported Projects

Yilmaz M., Project Supported by Higher Education Institutions, Development and Characterization of Aluminum-Based Metal Matrix Composite Material by Mechanical Alloying Method, 2024 - 2026

Metrics

Publication: 10

Citation (Scopus): 6

H-Index (Scopus): 1