

Lect. PhD DUDU MERTGENÇ YOLDAŞ

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: LZI-2726-2025

ScopusID: 59489217600

Yoksis Researcher ID: 58949

Education

Doctorate, Marmara University, Institute For Graduate Studies In Pure And Applied Sciences, Department Of Mechanical Engineering (Eng), Turkey 2018 - 2025

Postgraduate, Afyon Kocatepe University, Fen Bilimleri Enstitüsü, Makine Eğitimi (YI) (Tezli), Turkey 2007 - 2009

Undergraduate, Zonguldak Bülent Ecevit University, Karabük Faculty Of Technical Education, Makine Eğitimi, Turkey 2003 - 2007

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, INVESTIGATION OF SEA WATER EFFECT AND DAMAGE FORMATION ON SINGLE LAP ADHESIVE JOINTS OF COMPOSITE MATERIALS IN MARINE VEHICLES, Marmara University, Institute For Graduate Studies In Pure And Applied Sciences, Department Of Mechanical Engineering (Eng), 2025

Postgraduate, Denizlerde petrol çıkarmada kullanılan bağlantıdaki dişlerin incelenmesi, Afyon Kocatepe University, Fen Bilimleri Enstitüsü, Makine Eğitimi (YI) (Tezli), 2009

Research Areas

Machine Elements, Machine Design, Computer Aided Design and Manufacturing, Material

Academic Positions

Lecturer, Dokuz Eylül University, İzmir Meslek Yüksekokulu, Makine ve Metal Teknolojileri Bölümü, 2010 - Continues

Academic and Administrative Experience

Akademik danışmanlık , Dokuz Eylul University, İzmir Meslek Yüksekokulu, Makine ve Metal Teknolojileri Bölümü, 2011 - Continues
Program Koordinatörü, Dokuz Eylul University, İzmir Meslek Yüksekokulu, Makine ve Metal Teknolojileri Bölümü, 2016 - 2020
Program Koordinatörü, Dokuz Eylul University, İzmir Meslek Yüksekokulu, Makine ve Metal Teknolojileri Bölümü, 2016 - 2020

Courses

Associate Degree

PROJELENDİRME TEKNİĞİ, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
MAKİNE ELEMENLARI 2, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
PROJELENDİRME TEKNİĞİ, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
BİLGİSAYAR DESTEKLİ TASARIM, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
BİLGİSAYAR DESTEKLİ TASARIM, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
MAKİNE TASARIMI, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016
MAKİNE TASARIMI, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016
MAKİNE ELEMENLARI I, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
MEKANİZMA TEKNİĞİ , Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
MAKİNE ELEMENLARI 2, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
MAKİNE ELEMENLARI I, Associate Degree, 2023 - 2024, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
MEKANİZMA TEKNİĞİ, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
MESLEK RESİM 2, Associate Degree, 2019 - 2020, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013
MESLEK RESİM 2, Associate Degree, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014
SAC METAL KALIP TASARIMI, Associate Degree, 2016 - 2017, 2012 - 2013
MESLEK RESİM 1, Associate Degree, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014
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MESLEK RESİM 1, Associate Degree, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014
BİLGİSAYAR DESTEKLİ ÇİZİM, Associate Degree, 2013 - 2014, 2012 - 2013, 2011 - 2012
BİLGİ VE İLETİŞİM TEKNOLOJİSİ, Associate Degree, 2012 - 2013, 2011 - 2012
BİLGİ VE İLETİŞİM TEKNOLOJİSİ, Associate Degree, 2012 - 2013, 2011 - 2012
BİLGİSAYAR DESTEKLİ ÇİZİM, Associate Degree, 2011 - 2012
TEKNİK RESİM 2, Associate Degree, 2011 - 2012
APARAT TASARIMI, Associate Degree, 2011 - 2012
TEKNİK RESİM 2, Associate Degree, 2011 - 2012
APARAT TASARIMI, Associate Degree, 2011 - 2012
ÖLÇME VE KONTROL TEKNİĞİ, Associate Degree, 2010 - 2011
İŞ VE İŞYERİ GÜVENLİĞİ , Associate Degree, 2010 - 2011

MAKİNE MESLEK RESMİ, Associate Degree, 2010 - 2011

MAKİNE ELEMANLARI, Associate Degree, 2009 - 2010

MALZEME BİLGİSİ 1, Associate Degree, 2009 - 2010

Journal articles indexed in SCI, SSCI, and AHCI

- I. **Investigation of Diffusion of Different Composite Materials on the Damage Caused by Axial Impact Adhesive Joints**
Mertgenç Yoldaş D., Yoldaş M. F.
JOURNAL OF COMPOSITES SCIENCE, vol.2025, no.9, pp.1-24, 2025 (SCI-Expanded)
- II. **Experimental Investigation of the Effect of Seawater on Glass and Carbon Fiber Composites via Mechanical Characterization**
Yalçinkaya S., Mertgenç Yoldaş D., Yoldaş M. F.
JOURNAL OF COMPOSITES SCIENCE, vol.2025, no.9, pp.1-17, 2025 (SCI-Expanded)
- III. **Adhesively bonded single lap joints with GFRP and CFRP composites in maritime conditions: A comparative study**
Atakök G., Mertgenç Yoldaş D.
ADVANCES IN MECHANICAL ENGINEERING, vol.17, no.3, pp.1-14, 2025 (SCI-Expanded)
- IV. **Comparative cranial joint variation in three different lizards: Impact of feeding habit**
Yıldırım Caynak E., Candan K., Kumlutaş Y., Korkmaz A. G., Birlik S., Mertgenç Yoldaş D., Gül S., Ilgaz Ç.
LIFE-BASEL, vol.15, pp.1-13, 2025 (SCI-Expanded)
- V. **Comparison of GFRP (Glass Fiber-Reinforced Polymer) and CFRP (Carbon Fiber-Reinforced Polymer) Composite Adhesive-Bonded Single-Lap Joints Used in Marine Environments**
Atakök G., Mertgenç Yoldaş D.
Sustainability (Switzerland), vol.16, no.24, 2024 (SCI-Expanded)

Books

- I. **An Overview of Composite Materials for Marine Applications**
Atakök G., Mertgenç Yoldaş D.
in: INTERDISCIPLINARY ADVANCES IN ENGINEERING, AGRICULTURE, AND APPLIED SCIENCES, Nurcan BAYKUŞ SAVAŞANERİL, Editor, BZT TURAN PUBLISHINGHOUSE, Delaware, pp.20-41, 2024
- II. **Investigation of Teeth in Connection Used in Marine Oil Extraction**
Mertgenç Yoldaş D.
in: INTERDISCIPLINARY ADVANCES IN ENGINEERING, AGRICULTURE, AND APPLIED SCIENCES, Nurcan BAYKUŞ SAVAŞANERİL, Editor, BZT TURAN PUBLISHINGHOUSE, Delaware, pp.42-65, 2024

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **KOMPOZİT MALZEMELERDE DİFÜZYON ETKİSİNİN FİCK YASASINA GÖRE İNCELENMESİ**
Yalçinkaya S., Mertgenç Yoldaş D.
6th INTERNATIONAL CONGRESS ON ENGINEERING AND SCIENCES, İstanbul, Turkey, 8 - 09 March 2025, pp.468-479, (Full Text)
- II. **Areas of Use of Composite Materials and Latest Innovations in the Industry**
Yalçinkaya S., Mertgenç Yoldaş D.
4th INTERNATIONAL MATERIALS ENGINEERING AND ADVANCED MANUFACTURING TECHNOLOGIES CONGRESS, İstanbul, Turkey, 25 January 2025, pp.189-202, (Full Text)
- III. **Otobüs Koltuklarının İncelenmesi Ve Yeni Bir Tasarım Modelinin Oluşturulması**

MERTGENÇ YOLDAŞ D., EVLEN H.

3'rd International Symposium on Industrial Design Engineering (ISIDE 2018), 22 - 24 November 2018, (Full Text)

Metrics

Publication: 11

Citation (WoS): 3

Citation (Scopus): 2

H-Index (Scopus): 1