

## Asst. Prof. BEHİYE KORKMAZ

### Personal Information

Office Phone: [+90 224 294 1980](tel:+902242941980)

Email: [behiye@uludag.edu.tr](mailto:behiye@uludag.edu.tr)

Web: <https://avesis.uludag.edu.tr/behiye>

Address: BURSA ULUDAĞ ÜNİVERSİTESİ, MAKİNE MÜHENDİSLİĞİ BÖLÜMÜ, GÖRÜKLE KAMPÜSÜ, NİLÜFER, BURSA

### Education Information

Doctorate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Makine Mühendisliği (Dr), Turkey 1987 - 1994

Postgraduate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Makine Mühendisliği (YI) (Tezli), Turkey 1985 - 1987

Undergraduate, Bursa Üniversitesi, Makine Fakültesi, Turkey 1975 - 1981

### Dissertations

Doctorate, Kompozit ankastre kirişlerde aryanasyon açlarına bağlı olarak gerilme analizi, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Makine Mühendisliği (Dr), 1994

Postgraduate, Farklı kompozisyonlardaki polyesterlerin mekanik özelliklerinin -yapıya bağlı olarak- deneysel ve teorik olarak incelenmesi, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Makine Mühendisliği (YI) (Tezli), 1987

### Research Areas

Mechanical, Composites

### Academic Titles / Tasks

Lecturer, Bursa Uludağ University, Mühendislik-Mimarlık Fakültesi, 1994 - 1997

### Courses

statik, Undergraduate, 2017 - 2018, 2016 - 2017

### Advising Theses

YAZICI M., KORKMAZ B., Development of novel sandwich structures by using continuous carbon fiber reinforced thermoplastic mono-composite lattice truss cores, and measurement of performance under static and dynamic loads experimentally, Postgraduate, G.AKBULUT(Student), 2018

KORKMAZ B., Bel (lumbal) omur kırıklarının bölge biyomekaniğine etkileri, Postgraduate, E.ÜNSAL(Student), 2003

KORKMAZ B., Effects of vertebral fractures on region biomechanics in lumbar region, Postgraduate, E.Ünsal(Student), 2003

KORKMAZ B., The Investigation of the effects of cervical vertebra tumours into regional biomechanics, Postgraduate, M.YIĞİTER(Student), 2001

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

- I. **A non-linear elastic-plastic stress analysis in a ductile double-lap joint**  
Sayman O., ÖZEN M., Ozel A., DEMİR T., KORKMAZ B.  
SCIENCE AND ENGINEERING OF COMPOSITE MATERIALS, vol.20, no.2, pp.163-168, 2013 (SCI-Expanded)
- II. **Elasto-plastic stress distributions in adhesively bonded double lap joints**  
Sayman O., ÖZEN M., KORKMAZ B.  
MATERIALS & DESIGN, vol.45, pp.31-35, 2013 (SCI-Expanded)
- III. **Failure analysis of mechanically fastened glass fiber/epoxy composite joints under thermal effects**  
Soykok I. F., Sayman O., ÖZEN M., KORKMAZ B.  
COMPOSITES PART B-ENGINEERING, vol.45, no.1, pp.192-199, 2013 (SCI-Expanded)

### Articles Published in Other Journals

- I. **BİLYELİ DÖVME METODU İLE OTOMOTİV PARÇALARINDA ÇALIŞMA ÖMRÜNÜN ARTTIRILMASI**  
ÇAVDAR F. Y., ÖZŞAHİN S., KUMPAS İ., KORKMAZ B., ÇAVDAR K.  
Uludağ University Journal of The Faculty of Engineering, vol.23, no.2, pp.399-412, 2018 (Peer-Reviewed Journal)
- II. **Effect of Loading Rate on the Mechanical Behavior of Fiber Glass Mat/Epoxy Composite**  
Bayram A., Yazıcı M., Korkmaz B.  
Technische Textilien, vol.42, no.1, pp.47-52, 1999 (Peer-Reviewed Journal)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Comparative Study On Quasi-static and Impact Load Performance of Cubic, Pyramidal, and Hexagonal Cell Shaped Carbon Fiber/ Polypropylene Thermoplastic Composite Truss Lattice Core Sandwich Structures with Carbon Fiber/Polypropylene Laminated Composite Face Sheets**  
Akbulut G., Güçlü H., Türkoğlu İ. K., Korkmaz B., Can Y., Yazıcı M.  
4th International Conference on Mechanics of Composites, Madrid, Spain, 9 - 12 July 2018
- II. **Numerical and Experimental Investigation of the Single Lap Shear Strength of the Adhesive Bonded Joints**  
Yazıcı M., Salim Y., Karen İ., Korkmaz B.  
(ICNES 2015) International Congress on Natural and Engineering Sciences, Sarajevo, Bosnia And Herzegovina, 9 - 13 September 2015, pp.35
- III. **Tarak Kemiği Corpus'unda Şekil Değiştirme Dağılımının Ölçülmesi**  
özyiğit G., ÖZCAN R., KORKMAZ B., YILDIZ B.  
II. Ulusal Veteriner Anatomi Kongresi, Turkey, 26 September - 28 November 2002
- IV. **Ekstremitelerde Kolonlar Teorisi Kullanılarak Gerilme Hesaplanması**  
ÖZCAN R., özyiğit G., KORKMAZ B., YILDIZ B.  
II. Ulusal Veteriner Anatomi Kongresi, Turkey, 26 September - 28 November 2002

### Metrics

Publication: 11

Citation (WoS): 40

Citation (Scopus): 45

H-Index (WoS): 2

H-Index (Scopus): 3