

## Asst. Prof. BEHİYE KORKMAZ

### Personal Information

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### 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 kırışlerde aryantasyon açılarına bağlı olarak gerilme analizi, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Makine Mühendisliği (Dr), 1994

Postgraduate, Farklı kompozisyonlardaki polyesterlerin mekanik özelliklerinin -yapıya bağlı olarak- deneyel 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.YİĞİTER(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 CellShaped Carbon Fiber/ Polypropylene Thermoplastic Composite Truss Lattice Core Sandwich Structures with CarbonFiber/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