

Prof. HALİT GÜN

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International Researcher IDs

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Education Information

Doctorate, The University of Nottingham, England 1994 - 1997

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Makine Mühendisliği (YI) (Tezli), Turkey 1986 - 1990

Undergraduate, Karadeniz Technical University, Mühendislik-Mimarlık Fakültesi, Makine Mühendisliği Pr., Turkey 1982 - 1986

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, Eksenel Simetrik Yapıların Sonlu Elemanlar Yöntemiyle Analizi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Makine Mühendisliği (YI) (Tezli), 1990

Academic Titles / Tasks

Associate Professor, Usak University, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, 2009 - 2014

Assistant Professor, Usak University, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, 1998 - 2007

Research Assistant, Nottingham Trent University Southampton Institute, Engineering, Mechanical Engineering, 1991 - 1997

Academic and Administrative Experience

Usak University, 2007 - 2010

Afyon Kocatepe University, 2000 - 2003

Courses

Statik, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005,

2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001, 1999 - 2000, 1998 - 1999
MUKAVEMET II, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
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Bitirme Tezi, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 -
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Bilimsel Araştırma Yöntemleri ve Yayın etiği, Postgraduate, 2019 - 2020
MUKAVEMET I, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 -
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Makine Proje, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 -
2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007
Bilimsel Araştırma Yöntemleri ve Yayın etiği, Doctorate, 2018 - 2019
Plastisite Teorisi, Doctorate, 2018 - 2019, 2017 - 2018
TEMAS MEKANİĞİ, Postgraduate, 2013 - 2014, 2008 - 2009
TEMEL BİLGİSAYAR BİLİMLERİ-II, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010,
2008 - 2009
SINIR ELEMANLAR YÖNTEMİ, Postgraduate, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009
SONLU ELEMANLAR YÖNTEMİ, Postgraduate, 2011 - 2012, 2009 - 2010
İLERİ MUKAVEMET, Postgraduate, 2011 - 2012, 2009 - 2010, 2008 - 2009
mukavemet, Undergraduate, 1999 - 2000, 1998 - 1999

Advising Theses

HALİT G., Metal tozu üretiminde yeni bir yöntem (Elektrik ark yöntemi), Postgraduate, Y.FEDAİ(Student), 2000

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **BEM for transient nonhomogeneous heat conduction in axisymmetric solids with heat source**
GÜN H., Feng W.
Engineering Analysis with Boundary Elements, vol.157, pp.462-470, 2023 (SCI-Expanded)
- II. **BIE formulation for axisymmetric transient heat conduction applications**
GÜN H., Feng W.
Numerical Heat Transfer, Part B: Fundamentals, vol.83, no.4, pp.192-204, 2023 (SCI-Expanded)
- III. **Effects of hostile solutions on the static and dynamic behavior of carbon/epoxy composites**
Balcıoğlu H. E., Sakin R., GÜN H.
Journal of Composite Materials, vol.55, no.25, pp.3671-3685, 2021 (SCI-Expanded)
- IV. **The Effect of Different Environmental Condition on Flexural Strength and Fatigue Behavior of E-Glass/Epoxy Composites**
Balcıoğlu H. E., Sakin R., GÜN H.
Iranian Journal of Science and Technology - Transactions of Mechanical Engineering, vol.45, no.1, pp.165-180,
2021 (SCI-Expanded)
- V. **Isotropic Damage Analysis of Thermoelastic Problems using BIE**
GÜN H.
International Journal of Computational Methods, vol.17, no.3, 2020 (SCI-Expanded)
- VI. **Isotropic damage analysis of frictional contact problems using quadratic meshless boundary element method**
GÜN H.

International Journal of Mechanical Sciences, vol.80, pp.102-108, 2014 (SCI-Expanded)

VII. **Prediction of longitudinal modulus of aligned discontinuous fiber-reinforced composites using boundary element method**

GÜN H., Kose G.

Science and Engineering of Composite Materials, vol.21, no.2, pp.219-221, 2014 (SCI-Expanded)

VIII. **Analysis of frictional contact problems for functionally graded materials using BEM**

GÜN H., Gao X.

Engineering Analysis with Boundary Elements, vol.38, pp.1-7, 2014 (SCI-Expanded)

Articles Published in Other Journals

I. **Effect of Al₂O₃-40 TiO₂ ceramic particle size and shape on flexural properties of glass fibre reinforced epoxy composites**

ASİ D., GÜN H.

International Journal of Engineering Science Invention(IJESI), vol.7, no.5, pp.56-63, 2018 (Peer-Reviewed Journal)

II. **Al₂O₃- TiO₂ (97-3) Seramik Tozparçacık İlaveli Cam ElyafTakviyeli Epoksi Matrisli Kompozit Malzemelerin Mekaniksel Özelliklerinin İncelenmesi**

ASİ D., GÜN H.

Uşak Üniversitesi Fen ve Doğabilimleri Dergisi(Usak University Journal of Science and Natural Sciences), vol.1, no.1, pp.33-40, 2017 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **TABAKALI KOMPOZİT YAPIDA KIRILMA DAVRANIŞLARININ BELİRLENMESİNDE MAKİNA ÖĞRENMESİ YAKLAŞIMI**

KAYA Z., Balcıoğlu H. E., SEÇKİN A. Ç., GÜN H.

5. International Conference on Material Science and Technology, Nevşehir, Turkey, 16 - 18 October 2020, pp.140-145

II. **Al₂O₃-3TiO₂ Seramik Toz Partikül Takviyeli Kompozit Malzemelerin Kayma Gerilmesi Davranışının İncelenmesi**

ASİ D., GÜN H., ASİ O.

4. Uluslararası Mühendislik, Mimarlık ve Tasarım Kongresi, 23 - 24 April 2019, pp.659-665

III. **Cam elyaf/epoksi kompozit malzemelerin çentik darbe davranışına Al₂O₃-3 TiO₂ seramik toz partikül takviyesinin etkisinin incelenmesi**

ASİ D., GÜN H., ASİ O.

International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2018), 22 - 23 November 2018, vol.1, pp.73

IV. **CAM ELYAF TAKVİYELİ POLİMER MATRİSLİ KOMPOZİT MALZEMELERDE KULLANILAN SERAMİK TOZ PARTİKÜLLERİNİN BOYUTUNUN VE GEOMETRİSİNİN MALZEMENİN POROZİTE ÖZELLİKLERİNE ETKİSİNİN İNCELENMESİ**

ASİ D., GÜN H., ASİ O.

3.ULUSLARARASI MÜHENDİSLİK MİMARLIK VE TASARIM KONGRESİ, 4 - 05 May 2018, vol.3, pp.276-277

Metrics

Publication: 14

Citation (Scopus): 34

H-Index (Scopus): 3