

## Asst. Prof. FATİH GÜVEN

### Personal Information

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### International Researcher IDs

ORCID: 0000-0002-3570-9736

Publons / Web Of Science ResearcherID: J-3891-2017

ScopusID: 57213686563

Yoksis Researcher ID: 127734

### Education Information

Doctorate, Akdeniz University, Institute Of Science, Mechanical Engineering, Turkey 2012 - 2018

Postgraduate, Akdeniz University, Institute Of Science, Mechanical Engineering, Turkey 2008 - 2011

Undergraduate, Akdeniz University, Faculty Of Engineering, Department Of Mechanical Engineering, Turkey 2004 - 2008

### Foreign Languages

German, B2 Upper Intermediate

English, C1 Advanced

### Research Areas

Mechanical Engineering, Construction and Manufacturing, Machine Theory and Dynamics, Mechanical

### Academic Titles / Tasks

Assistant Professor, Hacettepe University, Başkent OSB Teknik Bilimler MYO, Makina ve Metal Teknolojileri Bölümü, 2023 - Continues

Lecturer, Hacettepe University, Başkent OSB Teknik Bilimler MYO, Makina ve Metal Teknolojileri Bölümü, 2019 - 2023

Research Assistant, Akdeniz University, Faculty Of Engineering, Department Of Mechanical Engineering, 2014 - 2019

Research Assistant, Akdeniz University, Institute Of Science, 2009 - 2014

### Academic and Administrative Experience

Head of Department, Hacettepe University, Başkent OSB Teknik Bilimler MYO, Makina ve Metal Teknolojileri Bölümü, 2020 - Continues

Assistant Director of Vocational School, Hacettepe University, Başkent OSB Teknik Bilimler MYO, 2020 - 2023

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

- I. **An XFEM-Based Approach to Fatigue Crack Growth in Press-Fit Spur Gears**  
Güven F.  
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART E-JOURNAL OF PROCESS MECHANICAL ENGINEERING, vol.236, no.4, pp.1671-1681, 2022 (SCI-Expanded)
- II. **Utilizing Piezo Acoustic Sensors for the Identification of Surface Roughness and Textures**  
Kurşun K., Güven F., Ersoy H.  
SENSORS, vol.22, no.12, 2022 (SCI-Expanded)
- III. **Effect of design parameters on stresses occurring at the tooth root in a spur gear pressed on a shaft**  
GÜVEN F.  
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART E-JOURNAL OF PROCESS MECHANICAL ENGINEERING, vol.235, no.4, pp.1164-1174, 2021 (SCI-Expanded)
- IV. **An analysis of endurance limit-modifying factors depending on bead shape and thickness in load-carrying welded T-joints**  
GÜVEN F., Rende H.  
JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING, vol.42, no.2, 2020 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Post-op Bore Profile Estimation of Workpiece Clamped Using Three-jaw Chuck**  
Güven F.  
CUMHURİYET SCIENCE JOURNAL, vol.41, no.2, pp.542-549, 2020 (Peer-Reviewed Journal)
- II. **Determination of Global Research Activities in Mechanical Engineering via Bibliometric Analysis**  
Güven F., Demirkale B.  
ARCHIVE OF MECHANICAL ENGINEERING, vol.65, no.1, pp.171-188, 2018 (ESCI)
- III. **Kinetik Enerji Geri Kazanım Sistemlerinin Elektrikli Araçlarda Kullanımının İncelenmesi**  
Demirkale B., Güven F.  
SAKARYA UNIVERSITY JOURNAL OF SCIENCE, vol.21, no.6, pp.1550-1557, 2017 (Peer-Reviewed Journal)
- IV. **Elektrikli Araçların Tasarımında Malzeme Seçiminin Önemi**  
Güven F., Rende H.  
Mühendis ve Makina, vol.58, no.689, pp.81-95, 2017 (Peer-Reviewed Journal)
- V. **SIKI GEÇME BAĞLANTILARINDA MALZEMEYE BAĞLI YÜZEY PÜRÜZLÜLÜĞÜ KAYIP KATSAYISININ BELİRLENMESİ**  
Rende H., Güven F.  
Mühendis ve Makina, vol.56, no.665, pp.46-52, 2015 (Peer-Reviewed Journal)
- VI. **KALIPLARDA UYGULANABİLECEK BAKIMLAR VE BAKIM YÖNETİMİ**  
GÜVEN F.  
Mühendis ve Makina, vol.52, no.663, pp.60-63, 2011 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Contact Pressure Losses in Shrink Fitted Assembly due to Triangular Hub Form**  
GÜVEN F.  
5th International Conference on Advances in Mechanical Engineering, İstanbul, Turkey, 17 - 19 December 2019, pp.950-955
- II. **Kaynaklı Bağlantıların Tasarımında Güncel Yaklaşımlar**  
GÜVEN F., RENDE H.  
Kaynak Teknolojisi 11. Ulusal Kongre ve Sergisi, Ankara, Turkey, 15 - 16 November 2019, pp.86-97
- III. **Determination of Stiffness Parameters in Finite Element Analysis of Interference Fit**

GÜVEN F.

4th International Energy & Engineering Congress, Gaziantep, Turkey, 24 - 25 October 2019, pp.1130-1139

IV. **Cıvata Bağlantılarının Bakım Mühendisliğindeki Yeri Ve Önemi**

GÜVEN F.

IX. Uluslararası Bakım Teknolojileri Kongresi Ve Sergisi, Denizli, Turkey, 26 - 28 September 2019, pp.139-144

V. **Moderation of Stress Concentrations in Shrink Fitted Assembly through Hub Forming Based on Contact Pressure**

GÜVEN F.

5th International Conference on Natural and Engineering Sciences, İstanbul, Turkey, 27 - 30 August 2019, pp.30-32

VI. **The selection of electric motor for pendulum type amusement in fun-fairs**

GÜVEN F.

4th International Mediterranean Science and Engineering Congress, Antalya, Turkey, 25 - 27 April 2019, pp.1134

VII. **Influence of Surface Roughness on Preload of Bolted Connections**

RENDE H., GÜVEN F., MEŞHUR B.

8th International Advanced Technologies Symposium, 19 - 21 October 2017, pp.3120-3123

VIII. **Influence of Contact Pressure on Surface Roughness Losses in Shrink Fitted Joints**

GÜVEN F., RENDE H.

8th International Advanced Technologies Symposium, 19 - 21 October 2017, pp.3115-3119

IX. **SIKI GEÇME BAĞLANTILARINDA YÜZEY PÜRÜZLÜLÜĞÜ KAYBI**

Rende H., Güven F.

VI. Makina Tasarım ve İmalat Teknolojileri Kongresi, Konya, Turkey, 22 - 23 October 2011

## Supported Projects

Rende H., Güven F., Project Supported by Higher Education Institutions, T-KAYNAK BAĞLANTILARININ YORULMA DAYANIMLARININ DENEYSEL OLARAK İNCELENMESİ, 2017 - 2018

## Metrics

Publication: 19

Citation (WoS): 20

Citation (Scopus): 22

H-Index (WoS): 3

H-Index (Scopus): 3

## Scholarships

2211-Yurt İçi Doktora Burs Programı, TUBITAK, 2015 - 2018

## Awards

Güven F., Yüksek Onur Öğrencisi, Akdeniz Üniversitesi, June 2008

Güven F., Makine Mühendisliği Bölümü Birinciliği, Akdeniz Üniversitesi, June 2008