

## Prof. AHMET TAŞKESEN

### Personal Information

**Email:** taskesen@gazi.edu.tr

**Web:** <https://avesis.gazi.edu.tr/taskesen>

### Foreign Languages

English, C1 Advanced

### Academic Titles / Tasks

Professor, Gazi University, Teknoloji Fakültesi, Endüstriyel Tasarım Mühendisliği Bölümü, 2019 - Continues

Associate Professor, Gazi University, Teknoloji Fakültesi, Endüstriyel Tasarım Mühendisliği Bölümü, 2014 - 2019

Assistant Professor, Gazi University, Teknoloji Fakültesi, İmalat Mühendisliği Bölümü, 2011 - 2013

### Academic and Administrative Experience

Gazi University, Ankara Keçiören Sağlık Hizmetleri Meslek Yüksekokulu, 2016 - 2020

Gazi University, Fen Bilimleri Enstitüsü, 2018 - 2018

### Advising Theses

TAŞKESEN A., Demir bazlı süper alaşımların işlenebilirliğinin deneysel olarak incelenmesi, Postgraduate, O.BIYIK(Student), 2016

TAŞKESEN A., Experimental Investigation On The Machinability Of Iron Based Superalloys, Postgraduate, O.Bıyık(Student), 2016

TAŞKESEN A., Determine of drillability features of reinforced ceramic composite materials based on aluminum, Doctorate, K.KÜTÜKDE(Student), 2014

TAŞKESEN A., Determination of the effects on mechanical properties of recycle ratio in calcit reinforced polypropylene materials in injection moulding, Postgraduate, E.ASLAN(Student), 2013

TAŞKESEN A., DEVELOPMENT OF AN WEB BASED PLATFORM FOR DISTANCE EDUCATION AND APPLICATION TO MECHANICS COURSES, Postgraduate, C.ÇOŞKUN(Student), 2007

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Age-Hardening Responses of Al-Cu Alloy Powders Processed by Equal Channel Angular Pressing**  
Saritaş G., Tekeli S., Taşkesen A., Demir Ü., Gural A.  
Physics Of Metals And Metallography, vol.121, no.14, pp.114-124, 2020 (Journal Indexed in SCI Expanded)
- II. **The Effect of Aging and Burnishing Treatment on Parts Joined by Friction Stir Welding**  
Sonmez F., BAŞAK H., GÜRAL A., TAŞKESEN A.  
JOURNAL OF TESTING AND EVALUATION, vol.48, no.5, pp.3883-3893, 2020 (Journal Indexed in SCI)
- III. **The effect of cryogenic treatment on ageing behaviour of B4C reinforced 7075 aluminium composite**  
Taskesen A., Aksoz S., Ozdemir A. T.

KOVOVE MATERIALY-METALLIC MATERIALS, vol.55, no.1, pp.57-67, 2017 (Journal Indexed in SCI)

- IV. **Analysis of thrust force in drilling B4C-reinforced aluminium alloy using genetic learning algorithm**  
TAŞKESEN A., ALDAŞ K., Ozkul I., Kutukde K., ZÜMRÜT Y.  
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.75, pp.237-245, 2014 (Journal Indexed in SCI)
- V. **EXPERIMENTAL INVESTIGATION AND OPTIMISATION IN DRILLING OF AZ31 MAGNESIUM ALLOY USING GREY RELATIONAL ANALYSIS**  
Taskesen A.  
JOURNAL OF THE BALKAN TRIBOLOGICAL ASSOCIATION, vol.20, no.3, pp.325-338, 2014 (Journal Indexed in SCI)
- VI. **Experimental investigation and multi-objective analysis on drilling of boron carbide reinforced metal matrix composites using grey relational analysis**  
TAŞKESEN A., Kutukde K.  
MEASUREMENT, vol.47, pp.321-330, 2014 (Journal Indexed in SCI)
- VII. **Analysis and optimization of drilling parameters for tool wear and hole dimensional accuracy in B4C reinforced Al-alloy**  
Taskesen A., Kutukde K.  
TRANSACTIONS OF NONFERROUS METALS SOCIETY OF CHINA, vol.23, no.9, pp.2524-2536, 2013 (Journal Indexed in SCI)
- VIII. **OPTIMIZATION OF THE DRILLING PARAMETERS FOR THE CUTTING FORCES IN B4C-REINFORCED A1-7XXX-SERIES ALLOYS BASED ON THE TAGUCHI METHOD**  
TAŞKESEN A., Kutukde K.  
MATERIALI IN TEHNOLOGIJE, vol.47, no.2, pp.169-176, 2013 (Journal Indexed in SCI)
- IX. **APPLICATION OF BURNISHING PROCESS ON FRICTION STIR WELDING AND INVESTIGATION OF THE EFFECT OF BURNISHING PROCESS ON THE SURFACE ROUGHNESS, HARDNESS AND STRENGTH**  
Basak H., Ozkan S., Taskesen A.  
EXPERIMENTAL TECHNIQUES, vol.35, no.1, pp.8-16, 2011 (Journal Indexed in SCI)
- X. **Comprehensive gearbox design using expert system techniques**  
Basak H., TAŞKESEN A.  
COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, vol.16, no.2, pp.157-164, 2008 (Journal Indexed in SCI)
- XI. **The effects of cutting speed and feed rate on BUE-BUL formation, cutting forces and surface roughness when machining AA6351 (T6) alloy**  
Gokkaya H., TAŞKESEN A.  
STROJNISKI VESTNIK-JOURNAL OF MECHANICAL ENGINEERING, vol.54, pp.521-530, 2008 (Journal Indexed in SCI)
- XII. **Comprehensive design of rotating shafts and a software for designing and selecting of rolling-contact bearings**  
Taskesen A., Mendi F., Kulekci M. K., Basak H.  
COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, vol.15, no.3, pp.214-225, 2007 (Journal Indexed in SCI)
- XIII. **The effects of cutting speed on tool wear and tool life when machining Inconel 718 with ceramic tools**  
Altin A., Nalbant M., Taskesen A.  
MATERIALS & DESIGN, vol.28, no.9, pp.2518-2522, 2007 (Journal Indexed in SCI)
- XIV. **Computer-aided shaft design and selection of rolling-contact bearings using an expert system**  
Mendi F., Taskesen A., Kisioglu Y.  
SIMULATION, vol.76, no.3, pp.151-159, 2001 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Experimental Investigation On The Machinability of Iron Based Superalloys**  
TAŞKESEN A., KAYIR Y., BIYIK O.

International Journal of Mechanical and Production Engineering (IJMPE), 2019 (Refereed Journals of Other Institutions)

- II. **Effect of sub-Zero Treatment on Ageing of Aluminium Composite**  
TAŞKESEN A., ÖZDEMİR A. T. , Aksoz S.  
International Journal of Materials, Mechanics and Manufacturing, vol.6, no.1, pp.26-30, 2018 (Refereed Journals of Other Institutions)
- III. **Investigation of Drilling Parameters on Thrust Force on AZ91 Magnesium Alloy by Genetic Expression Programming**  
ALDAŞ K., ÖZKUL İ., TAŞKESEN A., KAYIR Y.  
Düzce University Journal of Science & Technology, vol.2, no.1, pp.169-177, 2014 (Other Refereed National Journals)
- IV. **Mekanik ve Makina Elemanları Derslerinin Öğretimi İçin Web Tabanlı Uzaktan Eğitim Ortamı Gelistirilmesi**  
TAŞKESEN A., Cihangir C.  
Teknolojik Araştırmalar: Makine Teknolojileri, vol.1, pp.17-31, 2008 (Other Refereed National Journals)
- V. **Computer Aided NonLinear Analysis of Machine Tool Vibrations and A Developed Computer Software**  
TAŞKESEN A., ERCAN Y.  
Journal of Mathematical and Computational Applications,, vol.10, no.3, pp.377-385, 2005 (Refereed Journals of Other Institutions)
- VI. **Bir Uzman Sistem Kullanarak Zımpara Taşı Seçimi**  
TAŞKESEN A., GÜLESİN M.  
Gazi Üniversitesi Fen Bilimleri Enstitüsü, pp.1-16, 2000 (Other Refereed National Journals)

## Books & Book Chapters

- I. **SolidWorks Çizim Modelleme Analiz**  
Faruk M., KİŞİOĞLU Y., TAŞKESEN A.  
Gazi Kitapevi, 2013
- II. **AutoCAD ile Çizim ve Modelleme**  
Mendi F., Taşkesen A., Toktaş İ., Eldem C.  
Gazi Kitapevi, Ankara, 2008

## Refereed Congress / Symposium Publications in Proceedings

- I. **Experimental Investigation on the Machinability of iron based superalloys**  
TAŞKESEN A., Bıyık O., KAYIR Y.  
ISER 2016th International Conference, Kiev, Ukraine, 17 - 18 August 2019, pp.22-26
- II. **Effect of Sub Zero Treatment on Ageing of Aluminium Composite**  
TAŞKESEN A., AKSÖZ S., ÖZDEMİR A. T.  
2nd International Conference on Advances in Engineering Materials: ICAEM2016, 29 June - 01 July 2016
- III. **Modelling for Prediction of cutting forces and surface roughness in drilling magnesium alloy**  
TAŞKESEN A., KAYIR Y., ZÜMRÜT Y.  
21st International Scientific Conference, Mechanika 2016, Kaunas, Lithuania, 12 - 13 May 2016, vol.1, pp.265-271
- IV. **Modelling for prediction of cutting forces and surface roughness in drilling AZ31 magnesium alloys**  
TAŞKESEN A., KAYIR Y., ZÜMRÜT Y.  
Proceedings of 21st International Scientific Conference MECHANIKA 2016, Kaunas University of Technology, Lithuania, Kaunas, Lithuania, 12 - 13 May 2016, pp.265-271
- V. **Modelling for prediction of cutting forces and surface roughness in drilling AZ31 magnesium alloys**

TAŐKESEN A., KAYIR Y., ZÜMRÜT Y.

21st International Scientific Conference: Mechanika 2016, Kaunas, Lithuania, 12 May 2016, vol.1, pp.265-271

## Supported Projects

TAŐKESEN A., Project Supported by Higher Education Institutions, Mekanik Derslerinin Öğretimi için Bir Web Tabanlı Uzaktan Eğitim Ortamı Geliştirilmesi, 2006 - Continues

TAŐKESEN A., Project Supported by Higher Education Institutions, Seramik Takviyeli Alüminyum Esaslı Kompozit Malzemelerin Delme Özelliklerinin Belirlenmesi, 2008 - 2011

## Citations

Total Citations (WOS):274

h-index (WOS):7