

# Prof. Eyup BAĞCI

## Personal Information

**Office Phone:** [+90 212 383 2936](tel:+902123832936)

**Email:** [eyup@yildiz.edu.tr](mailto:eyup@yildiz.edu.tr)

**Web:** <https://avesis.yildiz.edu.tr/eyup>

## International Researcher IDs

ScholarID: Djabu3YAAAAJ

ORCID: 0000-0002-7743-3184

Publons / Web Of Science ResearcherID: AAZ-9350-2020

ScopusID: 55375308100

Yoksis Researcher ID: 135577

## Research Areas

Mechanical Engineering, Construction and Manufacturing, Computer Aided Design and Manufacturing, Mechanical, Finite Element Methods, Ship Machines, Material science and engineering

## Academic Titles / Tasks

Professor, Yildiz Technical University, Naval Architecture And Maritime Faculty, Gemi Makineleri İşletme Mühendisliği, 2017 - Continues

## Academic and Administrative Experience

Rector's Advisor, Marmara University, Rectorate, 2022 - Continues

Member of University Quality Commission, Yildiz Technical University, Rectorate, 2014 - Continues

Member of University Strategic Planning Commission, Yildiz Technical University, Rectorate, 2012 - Continues

Faculty Board Member, Yildiz Technical University, Naval Architecture And Maritime Faculty, 2017 - 2020

Director of The Institution, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, 2017 - 2020

Head of Department, Yildiz Technical University, Naval Architecture And Maritime Faculty, Department Of Marine Engineering Operations, 2017 - 2020

BAP Scientific Commissioner, Yildiz Technical University, Rectorate, 2017 - 2020

Assistant Director of the Institute, Yildiz Technical University, Graduate School of Natural and Applied Sciences, 2014 - 2017

Fakülte Yönetim Kurulu Üyesi, Yildiz Technical University, Naval Architecture and Maritime Faculty, 2012 - 2017

Rector's Advisor, Yildiz Technical University, Rectorate, 2013 - 2015

Yıldız Teknik Üniversitesi, 2012 - 2014

Uzman, 2005 - 2010

## Courses

### Undergraduate

Makine Elemanları/ Machine Elements, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 -

2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2014 - 2015, 2013 - 2014, 2012 - 2013

Mechanics of Materials, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

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

### I. Strength of carbon fiber/epoxy in sea water

YÜNCÜOĞLU E. U., İNCE S. T., BAĞCI E.

MATERIALS TESTING, vol.63, no.9, pp.811-815, 2021 (SCI-Expanded)

## Papers Published in Refereed Scientific Meetings

### I. Development of Dynamic Calibration Machine for Pressure Transducers

Durgut Y., Aydemir B., BAĞCI E., AKŞAHİN E., İNCE A. T., Uslukılıç U.

XXII World Congress of the International Measurement Confederation (IMEKO 2018), 6 - 08 September 2018, vol.1065, pp.162013

### II. PRELIMINARY DYNAMIC PRESSURE MEASUREMENT SYSTEM AT UME

YASİN D., AKŞAHİN E., BAĞCI E., SİNAN F., İNCE A. T., BÜLENT A.

XXI IMEKO World Congress "Measurement in Research and Industry", 30 August - 04 September 2015

## Supported Projects

İNCE S. T., YÜNCÜOĞLU E. U., BAĞCI E., Project Supported by Higher Education Institutions, Deniz Ortamının Kompozit Malzemelere Etkisi, 2020 - 2021

BAĞCI E., YÜNCÜOĞLU E. U., Project Supported by Higher Education Institutions, Gemi ve Deniz Yapılarında Tek Tesirli Yapıştırma Bağlantılarında Tasarım Parametrelerinin Optimizasyonu, 2013 - 2018

Bağcı E., Shulz M., EU Supported Other Project, Determination of form/topography of high-quality flats, 2002 - 2017

Bağcı E., Zehir C., Premiership, Çevre ve Şehircilik Bakanlığı Görev Alanları İş Süreçlerinde Araştırma Geliştirme ve İyileştirme Projesi, 2015 - 2015

Bağcı E., TÜBİTAK Project, Silindirik Parçaların Nanometre Hassasiyette 3 Boyutlu Geometrik Karakterizasyonu, 2008 - 2012

Bağcı E., Bánréti E., EU Supported Other Project, Calibration of Diameter Standards, 2005 - 2009

Bağcı E., Özgür B., Project Supported by Other Official Institutions, Development of Stage Micrometer Measurement System, 2007 - 2008

Bağcı E., Özçelik B., Project Supported by Higher Education Institutions, Modeling of High Speed Machining Processes for Predicting Tool Forces, Stresses and Temperatures Using FEM Simulation, 2002 - 2005

## Metrics

Publication: 37

Citation (WoS): 571

Citation (Scopus): 1169

H-Index (WoS): 13

H-Index (Scopus): 15

## **Non Academic Experience**

Other Public Institution, Tübitak

TÜBİTAK Ulusal Metroloji Enstitüsü(UME), Araştırmacı