

Prof. MEHMET ORUÇ BİLGİÇ

Personal Information

Office Phone: [+90 212 498 4873](tel:+902124984873)

Email: o.bilgic@iku.edu.tr

Web: <https://avesis.iku.edu.tr/o.bilgic>

International Researcher IDs

ScholarID: xqc1lcwAAAAJ

ORCID: 0000-0002-5450-4461

Publons / Web Of Science ResearcherID: Y-5100-2018

ScopusID: 6505762111

Yoksis Researcher ID: 1616

Education Information

Doctorate, Istanbul Technical University, Elektrik-Elektronik Fakültesi, Turkey 1976 - 1982

Undergraduate, Istanbul Technical University, Elektrik Fakültesi, Zayıf Akım Pr., Turkey 1967 - 1971

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Harmoniklerin Faz Açısı ile Birlikte Ölçülmesi, Istanbul Technical University, Elektrik-Elektronik Fakültesi, 1982

Research Areas

Electrical and Electronics Engineering, Electronic, Power Electronics, Engineering and Technology

Academic Titles / Tasks

Professor, Yıldız Technical University, Elektrik-Elektronik Fakültesi, Elektronik Ve Haberleşme Mühendisliği Bölümü, 1996 - 2008

Associate Professor, Yıldız Technical University, Elektrik-Elektronik Fakültesi, Elektronik Ve Haberleşme Mühendisliği Bölümü, 1991 - 1999

Research Assistant, Istanbul Technical University, Elektrik-Elektronik Fakültesi, Elektronik Mühendisliği Bölümü, 1978 - 1989

Academic and Administrative Experience

Fakülte Kurulu Üyesi, Istanbul Kultur University, Mühendislik Fakültesi, 2012 - Continues
Fakülte Yönetim Kurulu Üyesi, Istanbul Kultur University, Mühendislik Fakültesi, 2012 - Continues
Head of Department, Istanbul Kultur University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2024 - 2024
Ethics Committee Member, Istanbul Kultur University, 2018 - 2023
Vice Dean, Istanbul Kultur University, Mühendislik Fakültesi, 2012 - 2018
Head of Department, Istanbul Kultur University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, 2012 - 2018
Director of The Institution, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, 2005 - 2006
Vice Dean, Yildiz Technical University, Faculty Of Electrical & Electronics, 1998 - 2005

Courses

ELECTRONIC CIRCUITS I, Undergraduate, 2022 - 2023
ELECTRONIC CIRCUITS II, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2016 - 2017
ELECTRONIC CIRCUITS I LABORATORY, Undergraduate, 2022 - 2023, 2021 - 2022
SEMİNER, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021
GRADUATION PROJECT, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
TEZ, Postgraduate, 2022 - 2023, 2021 - 2022
ANAHTARLAMALI GÜÇ DÖNÜŞTÜRÜCÜLERİ, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
ELECTRONIC CIRCUITS II LABORATORY, Undergraduate, 2022 - 2023
ELEKTRİK MAKİNALARININ HIZ KONTROLÜ, Postgraduate, 2022 - 2023, 2020 - 2021, 2019 - 2020, 2018 - 2019
ELECTRONIC CIRCUITS II LAB, Undergraduate, 2021 - 2022
ELECTRONIC CİRCUIT 1, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012
ELECTRICAL MACHINES, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
ELECTRONIC CİRCUIT 2 LAB, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012
ELECTRONIC CİRCUIT 1 LAB, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012
ELECTRIC MACHINERY, Undergraduate, 2018 - 2019, 2017 - 2018
ELECTRONIC CİRCUIT 2, Undergraduate, 2017 - 2018, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012
POWER ELECTRONICS, Undergraduate, 2015 - 2016, 2013 - 2014, 2012 - 2013, 2011 - 2012

Advising Theses

MEHMET ORUÇ B., Rezonans dönüştürücüler, Postgraduate, A.BARKIN(Student), 2022
MEHMET ORUÇ B., Yüksek güçlü flyback dönüştürücü, Postgraduate, S.ALGÜL(Student), 2008
MEHMET ORUÇ B., Endüktans bağlantılı çift köprü ile jirator tasarımı analizi ve gerçekleştirilmesi, Doctorate, C.DİNÇBAKIR(Student), 2008
MEHMET ORUÇ B., Tek fazlı gerilim kaynaklı invertörlerin çıkış harmoniklerinin incelenmesi, Postgraduate, Ç.BAŞARAN(Student), 2007
MEHMET ORUÇ B., Yüksek frekans anahtarlamalı faz kontrollü DC-AC invertör, Postgraduate, B.ELMAS(Student), 2006
MEHMET ORUÇ B., Güç faktörü düzeltme devrelerinin incelenmesi ve tasarlanması, Postgraduate, B.ÇITAK(Student), 2005
MEHMET ORUÇ B., İnternet üzerinden robot kontrolü, Postgraduate, A.MELEK(Student), 2001
MEHMET ORUÇ B., Asenkron motorun elektronik hız kontrolü, Postgraduate, E.KÜÇÜKGÜZEL(Student), 2000
MEHMET ORUÇ B., "Inverse Dual Converter" (IDC)'ün rezonans modunda çalıştırılması, Doctorate, B.ARİFOĞLU(Student), 1998

MEHMET ORUÇ B., Elektronik komitasyonlu doğru akım relüktans motorunun tasarım ve kontrolü, Doctorate, S.ÇAMUR(Student), 1998

MEHMET ORUÇ B., Anahtarlamalı relüktans motorunun moment dalgalanmasının azatılması, Doctorate, V.ÖZBULUR(Student), 1996

Published journal articles indexed by SCI, SSCI, and AHCI

I. CAPACITOR COUPLED CONVERTER (C-3) FOR HIGH-POWER DC-CONVERSION

EHSANI M., BILGIC M. O., KHAN S., LASKAI L., JEONG S.

IEEE TRANSACTIONS ON POWER ELECTRONICS, no.4, pp.511-518, 1995 (SCI-Expanded)

Metrics

Publication: 30

Citation (WoS): 57

Citation (Scopus): 147

H-Index (WoS): 3

H-Index (Scopus): 6