

## Lect. MEHMET ŐEN

### Personal Information

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### International Researcher IDs

ScholarID: XiRfFIUAAAAJ

ORCID: 0000-0002-6313-516X

Publons / Web Of Science ResearcherID: AAK-7246-2021

ScopusID: 54387501600

Yoksis Researcher ID: 192143

### Education Information

Doctorate, Sofya Teknik Üniversitesi, Faculty of Electrical Engineering, Electrical Apparatus, Bulgaria 2015 - 2021

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Turkey 1995 - 2010

Undergraduate, Marmara University, Faculty Of Technical Education, Electric Education, Turkey 1984 - 1989

### Foreign Languages

Bulgarian, B2 Upper Intermediate

### Certificates, Courses and Trainings

Occupational Health and Safety, İşyeri Hekimliği ve İş Güvenliği Uzmanlığı Eğitici Belgesi, Çalışma ve Sosyal Güvenlik Bakanlığı, 2012

### Research Areas

Engineering and Technology

### Academic Titles / Tasks

Lecturer, Bursa Uludağ University, TEKNİK BİLİMLER MYO, ELEKTRİK VE ENERJİ, 1989 - Continues

### Academic and Administrative Experience

Assistant Director of Vocational School, Bursa Uludağ University, TEKNİK BİLİMLER MYO, ELEKTRİK VE ENERJİ, 2022 - Continues

Assistant Director of Vocational School, Bursa Uludağ University, TEKNİK BİLİMLER MYO, ELEKTRİK VE ENERJİ, 2012 -

2015

Head of Department, Bursa Uludağ University, TEKNİK BİLİMLER MYO, ELEKTRİK VE ENERJİ, 1999 - 2001

## Courses

SİSTEM ANALİZİ ve TASARIMI, Associate Degree, 2019 - 2020  
SENSÖRLER ve TRANSDÜSERLER, Associate Degree, 2019 - 2020  
EV CİHAZLARI I, Associate Degree, 2019 - 2020  
HİDROLİK PNÖMATİK, Associate Degree, 2019 - 2020  
SİSTEM ANALİZİ ve TASARIMI, Associate Degree, 2019 - 2020  
EV CİHAZLARI I, Associate Degree, 2019 - 2020  
SOĞUTMA TEKNİĞİ, Associate Degree, 2019 - 2020  
SENSÖRLER ve TRANSDÜSERLER, Associate Degree, 2019 - 2020  
SOĞUTMA TEKNİĞİ, Associate Degree, 2019 - 2020  
HİDROLİK PNÖMATİK, Associate Degree, 2019 - 2020  
ELEKTROMEKANİK ENERJİ DÖNÜŞÜMÜ, Undergraduate, 2018 - 2019  
ELEKTROMEKANİK ENERJİ DÖNÜŞÜMÜ, Undergraduate, 2018 - 2019  
ELEKTRİK ENERJİ SANTRALLERİ, Associate Degree, 2019 - 2020  
ÖLÇME TEKNİĞİ, Associate Degree, 2019 - 2020  
ELEKTRİK ENERJİ SANTRALLERİ, Associate Degree, 2019 - 2020  
ÖLÇME TEKNİĞİ, Associate Degree, 2019 - 2020  
İŞ SAĞLIĞI ve GÜVENLİĞİ, Associate Degree, 2019 - 2020  
ELEKTRİK ENERJİSİ İLETİMİ ve DAĞITIMI, Associate Degree, 2019 - 2020  
İŞ SAĞLIĞI ve GÜVENLİĞİ, Associate Degree, 2019 - 2020  
ELEKTRİK ENERJİSİ İLETİMİ ve DAĞITIMI, Associate Degree, 2019 - 2020  
GÜÇ SİSTEMLERİ, Undergraduate, 2018 - 2019  
ELEKTRİK TESİSLERİ, Undergraduate, 2018 - 2019  
ELEKTRİK TESİSLERİ, Undergraduate, 2018 - 2019  
YÜKSEK GERİLİM TEKNİĞİ, Undergraduate, 2017 - 2018  
YÜKSEK GERİLİM TEKNİĞİ, Undergraduate, 2017 - 2018  
GÜÇ SİSTEMLERİ, Undergraduate, 2017 - 2018

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

- I. **Modelling of a Hall Effect-Based Current Sensor with an Open Core Magnetic Concentrator**  
Yatchev I., Sen M., Balabozov I., Kostov I.  
SENSORS, vol.18, 2018 (SCI-Expanded)
- II. **Influence of magnetic concentrator on Hall effect based current sensor**  
Yatchev I., ŞEN M., Balabozov I., Kostov I.  
COMPEL-THE INTERNATIONAL JOURNAL FOR COMPUTATION AND MATHEMATICS IN ELECTRICAL AND ELECTRONIC ENGINEERING, vol.37, no.4, pp.1481-1488, 2018 (SCI-Expanded)

## Articles Published in Other Journals

- I. **A Study to Determine Infrastructure Needs for Hybrid and Electric Vehicle Training in Vocational Education**  
KARAHAN M., ARSLAN R., KUŞ A., ŞEN M., KAPLAN C.  
RECENT Journal, Universitatea Transilvania Brasov, vol.24, pp.4-8, 2023 (Peer-Reviewed Journal)

- II. **Sectoral Needs Analysis to Develop Training Programs for Hybrid and Electric Vehicles**  
ARSLAN R., KARAHAN M., KUŞ A., ŞEN M., KAPLAN C.  
RECENT Journal, Universitatea Transilvania Brasov, vol.24, pp.84-94, 2023 (Peer-Reviewed Journal)
- III. **Public Awareness and Perception of Renewable Energy and Systems and Related Educational Needs in Turkey and Bulgaria**  
Şen M., Arslan R., Ulusoy Y., Tomov P.  
RECENT Journal, vol.22, no.2, pp.86-92, 2021 (Peer-Reviewed Journal)
- IV. **EXPERIMENTAL STUDY OF CURRENT SENSORS BASED ON THE HALL EFFECT**  
ŞEN M., BALABOZOV I., HINOV K., IVANOV B., YATCHEV I.  
PROCEEDINGS OF TECHNICAL UNIVERSITY OF SOFIA, vol.68, no.1, pp.249-254, 2018 (Peer-Reviewed Journal)
- V. **A parameter monitoring system for induction motors based on Zigbee protocol**  
Bayındır R., Şen M.  
Gazi University Journal of Science, vol.24, pp.763-771, 2011 (Scopus)

## **Metrics**

Publication: 16

Citation (WoS): 9

Citation (Scopus): 42

H-Index (WoS): 1

H-Index (Scopus): 4

## **Non Academic Experience**

MİLLİ EĞİTİM BAKANLIĞI