

## 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

### Undergraduate

ELEKTROMEKANİK ENERJİ DÖNÜŞÜMÜ, Undergraduate, 2018 - 2019

ELEKTROMEKANİK ENERJİ DÖNÜŞÜMÜ, Undergraduate, 2018 - 2019

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

### Associate Degree

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

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

## 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, TEKNİK ÖĞRETMEN