

## Res. Asst. BURAK DÖKMETAŞ

### Personal Information

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

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

### International Researcher IDs

ORCID: 0000-0001-5900-6691

Yoksis Researcher ID: 186001

### Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Dr), Turkey 2016 - Continues

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), Turkey 2013 - 2016

Undergraduate, Inonu University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2005 - 2010

### Dissertations

Postgraduate, 3 KVA'xxlık kuru tip transformatörün sargı sıcaklık davranışının bulanık mantık yöntemi kullanılarak tahmini, Gazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), 2016

### Academic Titles / Tasks

Research Assistant, Gazi University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2013 - Continues

### Articles Published in Other Journals

- I. **Distribution Transformer Losses Calculation Based onTSFEM**  
atabak n., İSKENDER İ., DÖKMETAŞ B., Saeid A. H.  
Int'l Journal of Computing, Communications & Instrumentation Engg. (IJCCIE), 2015 (Peer-Reviewed Journal)
- II. **IMPACTS OF AMORPHOUS CORE TO REDUCE THE LOSSES INDISTRIBUTION TRANSFORMER BASED ON TIME STEPPING FINITEELEMENT METHOD**  
atabak n., İSKENDER İ., DÖKMETAŞ B.  
International Journal on "Technical and Physical Problems of Engineering", 2015 (Peer-Reviewed Journal)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation of Daily Usage of Electricity Energy Stored by the Night Tariff**  
GENÇ R., POLAT U., DÖKMETAŞ B., AKÇAM N.  
6. Uluslararası Multidisipliner Çalışmaları Kongresi (Multicongress), 26 - 27 April 2019
- II. **Student Information Platform, Gazi University Example**  
AL M. E., SEVRİ M., DÖKMETAŞ B., AKÇAM N.  
6. Uluslararası Multidisipliner Çalışmaları Kongresi (Multicongress), 26 - 27 April 2019
- III. **Misalignment Losses at Joint Point in Multimode Fiber Optic Cables**

PİŞGAM P., ERGÜN YARDIM F., DÖKMETAŞ B., AKÇAM N.

6. Uluslararası Multidisipliner Çalışmaları Kongresi (Multicongress), 26 - 27 April 2019

- IV. **28-36 GHz MMIC LNA Design for Satellite Applications**  
Arıcan G. O., DÖKMETAŞ B., AKÇAM N., Yazgan E.  
11th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 28 - 30 November 2019, pp.726-729
- V. **A novel millimeter-wave U-shaped radiating slot antenna with DGS structures for 5G cellular application**  
DÖKMETAŞ B., Arıcan G. O., AKÇAM N., Yazgan E.  
11th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 28 - 30 November 2019, pp.669-672
- VI. **The Modernization of the Electrical Systems in the Existing Buildings and Sample Building Application**  
Aslan O., DÖKMETAŞ B., Güloğlu E. E., AKÇAM N.  
8th International Advanced Technologies Symposium (IATS'17), 19 - 22 October 2017
- VII. **Occupational Health and Safety in Electrical Work**  
Akarçay O., DÖKMETAŞ B., Uyan M. K., AKÇAM N.  
8th International Advanced Technologies Symposium (IATS17), 19 - 22 October 2017
- VIII. **Producing Electricity Energy by Obtaining Landfill Gas from Municipal Waste**  
Çelebi M., DÖKMETAŞ B., Sönmez B., AKÇAM N.  
ISITES2017 (5TH INTERNATIONAL SYMPOSIUM ON INNOVATIVE TECHNOLOGIES IN ENGINEERING AND SCIENCE), 29 September - 01 October 2017
- IX. **Üstyapı İşlerinde Kojenerasyon Sistemlerinin Uygulanması ve Maliyet Analizinin Araştırılması**  
Donk M., DÖKMETAŞ B., GÖKAŞAN G., AKÇAM N., TAPLAMACIOĞLU M. C.  
5th International Symposium on Innovative Technologies in Engineering and Science, Baku, Azerbaijan, 29 - 30 September 2017
- X. **Kojenerasyon Sistemlerinin Uygulanması ve Maliyet Analizinin Araştırılması**  
Donk M., DÖKMETAŞ B., Göktaşan G., AKÇAM N.  
2nd International Conference on Advanced Engineering Technologies (ICADET 2017), 21 - 23 September 2017
- XI. **Belediye Atıklarından Elektrik Enerjisi Üretilmesi**  
Çelebi M., DÖKMETAŞ B., Sönmez B., AKÇAM N.  
2nd International Conference on Advanced Engineering Technologies (ICADET 2017), 21 - 23 September 2017
- XII. **Erişim Kontrolü Temelli Eşzamanlı Birincil ve İkincil SW ARQ Yapılarının Performans Analizi**  
Çiçek M., AKÇAM N., DÖKMETAŞ B.  
International Symposium on Innovative Technologies in Engineering and Science, 3 - 05 November 2016
- XIII. **Speed Control of DC Motor Using Fuzzy Logic Application**  
DÖKMETAŞ B., AKÇAM N., Faris M.  
International Symposium on Innovative Technologies in Engineering and Science, 3 - 05 November 2016
- XIV. **Estimation of Stray Loss and Leakage Flux in The Structural Component of 3-Phase Distribution Transformer Under Unbalanced Voltage Based on Numerical Analysis**  
Najafi A., DÖKMETAŞ B., Iskender I.  
6th International Conference on Modeling, Simulation, and Applied Optimization (ICMSAO), İstanbul, Turkey, 27 - 29 May 2015

## Metrics

Publication: 17

Citation (WoS): 2

Citation (Scopus): 5

H-Index (WoS): 1

H-Index (Scopus): 2