

## Asst. Prof. HALİL GÖR

### Personal Information

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### Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Elektrik Eğitimi (Dr), Turkey 2011 - 2014

Postgraduate, Van Yüzüncü Yıl University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), Turkey 2002 - 2005

Undergraduate, Gazi University, Teknik Eğitim Fakültesi, Elektrik Eğitimi Bölümü, Turkey 1997 - 2001

### Dissertations

Doctorate, Eksenel akılı jeneratörlerin tasarımı ve uygulaması, Gazi University, Fen Bilimleri Enstitüsü, Elektrik Eğitimi (Dr), 2014

Postgraduate, Doğu Anadolu bölgesinin enerji problemleri ve çözüm önerileri, Van Yüzüncü Yıl University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), 2005

### Academic Titles / Tasks

Hakkari University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2014 - Continues

Hakkari University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2021 - 2021

Lecturer, Hakkari University, Çölemerik Meslek Yüksekokulu, Elektrik Ve Enerji Bölümü, 2009 - 2014

Lecturer, Gazi University, Teknoloji Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2010 - 2012

### Academic and Administrative Experience

Hakkari University, 2014 - 2017

Hakkari University, 2014 - 2016

Hakkari University, 2014 - 2016

Hakkari University, 2012 - 2014

### Courses

TEZ HAZIRLIK, Postgraduate, 2021 - 2022

ELEKTRİK MAKİNELERİ-I, Undergraduate, 2021 - 2022

YENİLENEBİLİR ENERJİ KAYNAKLARI, Postgraduate, 2021 - 2022

UZMANLIK ALAN DERSİ, Postgraduate, 2021 - 2022

ELEKTRİK ELEKTRONİK MÜHENDİSLİĞİNE GİRİŞ, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018  
ELEKTRİK MAKİNELERİ-II, Undergraduate, 2020 - 2021  
İŞ SAĞLIĞI VE GÜVENLİĞİ-II, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019  
İŞ SAĞLIĞI VE GÜVENLİĞİ-I, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019  
MÜHENDİSLİK EKONOMİSİ, Undergraduate, 2019 - 2020  
ELEKTRİK MALZEMESİ, Undergraduate, 2019 - 2020, 2018 - 2019  
ELEKTRİK ELEKTRONİK ÖLÇME LABORATUVARI, Undergraduate, 2018 - 2019  
ELEKTROMEKANİK KUMANDA SİSTEMLERİ, Associate Degree, 2017 - 2018, 2016 - 2017  
STAJ, Associate Degree, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015  
ELEKTRİK MAKİNELERİ III, Associate Degree, 2017 - 2018  
SİSTEM ANALİZİ VE TASARIM I, Associate Degree, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015  
ELEKTRİK MALZEMELERİ, Undergraduate, 2017 - 2018  
ELEKTRİK MAKİNELERİ I, Associate Degree, 2017 - 2018  
DOĞRU AKIM DEVRE ANALİZİ, Associate Degree, 2016 - 2017, 2015 - 2016, 2014 - 2015  
SİSTEM ANALİZİ VE TASARIM II, Associate Degree, 2016 - 2017, 2015 - 2016, 2014 - 2015  
YÜKSEK GERİLİM TEKNİĞİ, Associate Degree, 2016 - 2017  
TERMİK SANTRALLER, Associate Degree, 2016 - 2017  
ALTERNATİF AKIM DEVRE ANALİZİ, Associate Degree, 2015 - 2016, 2014 - 2015  
ELEKTRİK MAKİNELERİ II, Associate Degree, 2014 - 2015  
ALTERNATİF AKIM DEVRE ANALİZİ, Associate Degree, 2013 - 2014, 2012 - 2013  
YÜKSEK GERİLİM TEKNİĞİ, Associate Degree, 2013 - 2014, 2012 - 2013  
ELEKTRİK MAKİNELERİ I, Associate Degree, 2013 - 2014  
SİSTEM ANALİZİ VE TASARIM II, Associate Degree, 2013 - 2014  
EV ALETLERİ TAMİRİ VE BAKIMI, Associate Degree, 2012 - 2013, 2011 - 2012  
ELEKTRİK MAKİNELERİ III, Associate Degree, 2012 - 2013, 2011 - 2012, 2009 - 2010  
ELEKTRİK MAKİNELERİ VE KUMANDA, Associate Degree, 2012 - 2013  
ELEKTRİK ARIZA BAKIM VE ONARIM, Associate Degree, 2012 - 2013, 2011 - 2012, 2009 - 2010  
ELEKTRO MEKANİK KUMANDA TEKNİKLERİ, Associate Degree, 2012 - 2013  
SİSTEM ANALİZİ VE TASARIM I, Associate Degree, 2012 - 2013  
SAYISAL ELEKTRONİK, Associate Degree, 2012 - 2013  
DOĞRU AKIM DEVRE ANALİZİ, Associate Degree, 2012 - 2013, 2011 - 2012  
ÖZEL TESİSAT TEKNİĞİ, Associate Degree, 2012 - 2013, 2009 - 2010  
ELEKTRİK MAKİNELERİ LAB., Undergraduate, 2010 - 2011  
ELEKTRİK TESİSAT TEKNİĞİ, Undergraduate, 2010 - 2011  
TAMAMLAYICI ELEKTRİK SERVİS VE SİSTEMLERİ, Associate Degree, 2009 - 2010  
TAMAMLAYICI ELEKTRİK SERVİS VE SİSTEMLERİ, Associate Degree, 2008 - 2009

## Advising Theses

Halil G., HİDROELEKTRİK SANTRALLERDE PLC-SCADA OTOMASYONU İLE MEKANİK VANALARIN KONTROLÜ,  
Postgraduate, A.İZCİ(Student), 2023

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

1. Design and optimization of a high-performance multi-barrier IPMS motor for an electric scooter and bicycle  
GÖR H., Dalca A.  
Royal Society Open Science, vol.11, no.3, 2024 (SCI-Expanded)

- II. **Feasibility of Six Metaheuristic Solutions for Estimating Induction Motor Reactance**  
GÖR H.  
Mathematics, vol.12, no.3, 2024 (SCI-Expanded)
- III. **Optimization of a 3-kW axial flux permanent magnet generator with variable air gap**  
KURT E., GÖR H., ÇELİK K.  
International Transactions on Electrical Energy Systems, vol.31, no.11, 2021 (SCI-Expanded)
- IV. **Enhanced speed control of a DC servo system using PI + DF controller tuned by stochastic fractal search technique**  
Çelik E., GÖR H.  
Journal of the Franklin Institute, vol.356, no.3, pp.1333-1359, 2019 (SCI-Expanded)
- V. **Effects of Back Iron Components on Efficiency and Generated Power for New Wind Energy Generators**  
GÖR H., KURT E.  
Electric Power Components and Systems, vol.46, no.10, pp.1103-1120, 2018 (SCI-Expanded)
- VI. **Application of artificial neural network to estimate power generation and efficiency of a new axial flux permanent magnet synchronous generator**  
Çelik E., GÖR H., ÖZTÜRK N., KURT E.  
International Journal of Hydrogen Energy, vol.42, no.28, pp.17692-17699, 2017 (SCI-Expanded)
- VII. **An inverter design for a new permanent magnet synchronous generator**  
GÜLER N., IRMAK E., GÖR H., KURT E.  
International Journal of Hydrogen Energy, vol.42, no.28, pp.17723-17732, 2017 (SCI-Expanded)
- VIII. **Waveform characteristics and losses of a new double sided axial and radial flux generator**  
GÖR H., KURT E.  
International Journal of Hydrogen Energy, vol.41, no.29, pp.12512-12524, 2016 (SCI-Expanded)
- IX. **Electromagnetic design of a new axial and radial flux generator with the rotor back-irons**  
KURT E., GÖR H., Döner U.  
International Journal of Hydrogen Energy, vol.41, no.17, pp.7019-7026, 2016 (SCI-Expanded)
- X. **Preliminary studies of a new permanent magnet generator (PMG) with the axial and radial flux morphology**  
GÖR H., KURT E.  
International Journal of Hydrogen Energy, vol.41, no.17, pp.7005-7018, 2016 (SCI-Expanded)
- XI. **Theoretical and experimental analyses of a single phase permanent magnet generator (PMG) with multiple cores having axial and radial directed fluxes**  
KURT E., GÖR H., DEMİRTAŞ M.  
Energy Conversion and Management, vol.77, pp.163-172, 2014 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Doğal Gaz Tüketiminin Elektrik Tüketimi Üzerindeki Etkisinin İncelenmesi: Muş İli Örneği**  
GÖR H.  
International Journal of Pure and Applied Sciences, vol.8, no.1, pp.195-203, 2022 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **DESIGN OF A PERMANENT MAGNET SYNCHRONOUS GENERATOR WITH LOW COGGING TORQUE FOR WIND TURBINES**  
GÖR H.  
BASKENT INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY STUDIES-III, Ankara, Turkey, 23 - 25 September 2022, pp.304-312

- II. **High-efficiency interior-type PM motor design for urban use electric vehicles**  
GÖR H.  
International Joint Conference on Engineering, Science and Artificial Intelligence (IJCESAI), Turkey, 15 - 17 June 2022, pp.1
- III. **Electromagnetic Analysis of an Axial Flux Permanent Magnet Generator**  
KURT E., GÖR H., ÇELİK K.  
2019 International Conference on Power Generation Systems and Renewable Energy Technologies (PGSRET), Istanbul, Turkey, Turkey, 26 - 27 August 2019
- IV. **Experimental Studies of a Wind Energy Generator with Axial and Radial Flux Morphologies**  
KURT E., GÖR H., ÇETİN Y.  
7th EUROPEAN CONFERENCE ON RENEWABLE ENERGY SYSTEMS, İstanbul, Turkey, 10 - 12 June 2019, pp.420-428
- V. **Electromagnetic Design of a New 3.5 kW Axial Flux Permanent Magnet Generator**  
KURT E., GÖR H., ÇELİK K., ÇETİN Y.  
THE 6TH EUROPEAN CONFERENCE ON RENEWABLE ENERGY SYSTEMS, İstanbul, Turkey, 25 - 27 June 2018, pp.1358-1368
- VI. **Tuning of PI Controller Parameters for a DC Motor Drive System Using Stochastic Fractal Search Algorithm**  
ÇELİK E., GÖR H., ÖZTÜRK N.  
5th European Conference on Renewable Energy Systems (ECRES –2017), SARAYBOSNA, Bosnia And Herzegovina, 27 - 30 August 2017
- VII. **Exploration Of The Effect Of Back Iron In A New Permanent Magnet Synchronous Generator**  
GÖR H., KURT E.  
The 5th International Conference on Nuclear and Renewable Energy Resources (NURER2016), Hefei, China, 18 - 21 September 2016
- VIII. **Estimation Of The Power Generation And Efficiency Of A New Axial Flux Permanent Magnet Synchronous Generator Via A Neural Network Algorithm**  
ÇELİK E., GÖR H., ÖZTÜRK N., KURT E.  
4th European Conference on Renewable Energy Systems (ECRES –2016), İstanbul, Turkey, 28 - 31 August 2016, pp.392-399
- IX. **Design And Simulation Of A New Inverter For An Axial Flux Permanent Magnet Generator**  
GÜLER N., IRMAK E., GÖR H., KURT E.  
4th European Conference on Renewable Energy Systems (ECRES –2016), İstanbul, Turkey, 28 - 31 August 2016
- X. **Electromagnetic Optimization Of A Permanent Magnet Synchronous Generator**  
KURT E., GÖR H.  
Electronics, Computers and Artificial Intelligence ECAI 2016 - International Conference – 8th Edition, Ploiesti, Romania, 30 June - 02 July 2016
- XI. **Analyses of losses and efficiency for a new three phase axial flux permanent magnet generator**  
GÖR H., KURT E., Bal G.  
4th International Conference on Electric Power and Energy Conversion Systems, EPECS 2015, Sharjah, United Arab Emirates, 24 - 26 November 2015
- XII. **Waveform Characteristics And Losses of A New Double Sided Axial And Radial Flux Generator**  
GÖR H.  
III. European Conference On Renewable Energy Systems (ECRES 2015), Antalya, Turkey, 7 - 10 October 2015
- XIII. **A New Permanent Magnet Generator PMG With The Axial And Radial Flux Morphology**  
GÖR H., KURT E.  
17th. İnternational Conference On Emerging Nuclear Energy Systems (ICENES 2015), İstanbul, Turkey, 4 - 08 October 2015
- XIV. **Electromagnetic design of a new axial flux generator**  
KURT E., GÖR H.  
6th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2014, Pitesti, Romania, 23 - 25 October 2014, pp.39-42

- XV. **Electromagnetic analyses of two axial-flux permanent magnet generators (PMGs)**  
KURT E., Aslan S., GÖR H., DEMİRTAŞ M.  
2013 4th International Conference on Power Engineering, Energy and Electrical Drives, POWERENG 2013, İstanbul, Turkey, 13 - 17 May 2013, pp.290-294
- XVI. **Comparison of cogging torques in two different axial flux permanent magnet generators**  
GÖR H., KURT E.  
EWRES, The European Workshop Conference on Renewable Energy Systems, 20 - 22 September 2013
- XVII. **A new permanent magnet wind energy generator design with axial and radial directed fluxes**  
GÖR H., DEMİRTAŞ M., KURT E.  
EWRES ECRES The European Workshop Conference on Renewable Energy Systems, 17 - 19 September 2012

## **Metrics**

Publication: 29

Citation (Scopus): 202

H-Index (WoS): 1

H-Index (Scopus): 9