

Res. Asst. ÖZCAN AKÇEŞME

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**Office Phone:** [+90 312 202 8257](tel:+903122028257) Extension: 28257

**Fax Phone:** [+90 00 000](tel:+9000000)

**Email:** [ozcanakcesme@gazi.edu.tr](mailto:ozcanakcesme@gazi.edu.tr)

**Other Email:** [ozcanakcesme@gmail.com](mailto:ozcanakcesme@gmail.com)

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

**Address:** Gazi Üniversitesi Teknoloji Fakültesi Elektrik-Elektronik Müh. Böl.

A Binası 310, Teknikokullar- Yenimahalle / Ankara

#### International Researcher IDs

ScholarID: 1NOqX7sAAAAJ

ORCID: 0000-0002-6716-227X

Publons / Web Of Science ResearcherID: ABF-5850-2022

ScopusID: 57222748697

Yoksis Researcher ID: 319783



#### Education Information

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- I. Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Dr), Turkey 2020 - Continues
- II. Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), Turkey 2018 - 2020
- III. Undergraduate, Gazi University, Teknoloji Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2012 - 2016

#### Dissertations

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- I. Postgraduate, Erbiyum katkılı fiber optik yükselteçlerde yazılım tabanlı kazanç kontrolü, Gazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), 2020

#### Research Areas

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Printed Circuits, Thin Film, Thick Film and Hybrid ICs, Sensing Devices and Transducers, Electronic Circuits, Optics and Photonics

#### Academic Titles / Tasks

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- I. Research Assistant, Gazi University, Teknoloji Fakültesi, Elektrik - Elektronik Mühendisliği, 2020 - Continues

#### Academic and Administrative Experience

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- I. R&D and Infrastructure Commission Member, Gazi University, Teknoloji Fakültesi, Elektrik - Elektronik Mühendisliği, 2023 - Continues
- II. Data Collection and Evaluation Commission Member, Gazi University, Teknoloji Fakültesi, Elektrik - Elektronik Mühendisliği, 2023 - Continues

- III. Member of the Online Events and Digital Platforms Coordination Office, Gazi University, Teknoloji Fakültesi, Elektrik - Elektronik Mühendisliği, 2022 - Continues

## Courses

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- I. Electronics Laboratory-2, Undergraduate, 2022 - 2023, 2021 - 2022
- II. Elektronik Laboratuvarı-1, Undergraduate, 2023 - 2024, 2021 - 2022
- III. Medical Electronics Laboratory, Undergraduate, 2022 - 2023, 2021 - 2022
- IV. Circuit Analysis Laboratory-1, Undergraduate, 2022 - 2023
- V. Communication Systems Laboratory-1, Undergraduate, 2021 - 2022
- VI. Digital Design Laboratory, Undergraduate, 2020 - 2021

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

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- I. **The design and implementation of a software based gain control for EDFAs used in long-haul optical networks**  
AKÇEŞME Ö., YÜCEL M., BURUNKAYA M.  
Optik, vol.239, 2021 (SCI-Expanded)

## Refereed Congress / Symposium Publications in Proceedings

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- I. **Generation and Spectrum Analysis of C Band ASE Using Erbium-Doped Fibers with Different Properties**  
Akçeşme Ö., Yücel M.  
2023 10th International Conference on Electrical and Electronics Engineering, İstanbul, Turkey, 8 May - 10 October 2023
- II. **LAZER DİYOTLAR İÇİN DÜŞÜK MALİYETLİ AKIM KONTROL DEVRESİ VETERMOELEKTRİK SOĞUTUCU KONTROL DEVRESİ TASARIMI**  
AKÇEŞME Ö., YÜCEL M.  
uluslararası Marmara Fen ve Sosyal Bilimler Kongresi (Bahar) 2019, Kocaeli, Turkey, 26 - 28 April 2019, vol.2, pp.1718-1725
- III. **ERBİYUM KATKILI FİBER YÜKSELTEÇLERDE DÜZ KAZANÇ SPEKTRUMU İÇİN ERBİYUM KATKILI FİBER BOYUNUN OPTİMİZASYONU**  
AKÇEŞME Ö., YÜCEL M.  
Uluslararası Marmara Fen ve Sosyal Bilimler Kongresi (BAHAR 2019), Kocaeli, Turkey, 26 - 28 April 2019, vol.2, pp.1732-1737

## Supported Projects

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- I. YÜCEL M., AKÇEŞME Ö., Project Supported by Higher Education Institutions, Yüksek Güçlü ASE Üretimi ve ASE Spektrumunun Düzleştirilmesi, 2022 - 2023

## Student Project

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- I. R & D Project, Establishing an FPGA Based Object Tracking System, Gazi University, Teknoloji Fakültesi, Elektrik - Elektronik Mühendisliği, Turkey, 2022 - Continues
- II. R & D Project, Internet of Things (IoT) Based Mobile 3D Printer Control, Gazi University, Teknoloji Fakültesi, Elektrik - Elektronik Mühendisliği, Turkey, 2022 - Continues

## Metrics

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Publication: 4  
Citation (WoS): 4  
Citation (Scopus): 6  
H-Index (WoS): 1  
H-Index (Scopus): 1

## Congress and Symposium Activities

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- I. 2023 10th International Conference on Electrical and Electronics Engineering, Attendee, İstanbul, Turkey, 2023

## Awards

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- I. Akçeşme Ö., ARTICLE AWARD, Gazi Üniversitesi Rektörlüğü, January 2024

## Coaching Duties

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## Refereeing Duties

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## Non Academic Experience

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- I. Ussak Teknoloji Elektrik Elektronik Ürünleri İmalat Sanayi ve Ticaret Ltd. Şti.
- II. Yimi Elektronik Haberleşme Arge Ltd. Şti.
- III. CYMSOFT Bilişim Teknolojileri Ltd. Şti.