



Assist. Prof. Dr. FUNDA DAYLAK

Mahmutbey Technology Campus
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Interview Hours: Salı - 12:30 - 14:30
funda.daylak@altinbas.edu.tr

EDUCATIONAL INFORMATION

Degree	University	Department	Year(s)
Doctoral Degree	Istanbul Technical University	Electronics Engineering (PhD)	2017 - 2025
Master's Degree	Istanbul Technical University	Electrical Engineering (Master's) (with Thesis)	2013 - 2016
Bachelor's Degree	Bulent Ecevit University	Department of Electrical and Electronics Engineering	2007 - 2011

RESEARCH AREAS

ACADEMIC DUTIES

Duty	University	Area	Year(s)
Assistant Professor	Altinbas University	Department of Electrical and Electronics Engineering	2026 -
Lecturer	Altinbas University	Department of Electrical and Electronics Engineering	2014 - 2025

ADMINISTRATIVE DUTIES

Duty	University	Year(s)
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ACADEMIC AND PROFESSIONAL MEMBERSHIPS

Organisation	Membership	Year(s)
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NON-UNIVERSITY EXPERIENCE

Country	Organisation	Duty	Year(s)
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BOOKS

ARTICLES

Automated Neural Network-Based Optimization for Enhancing Dynamic Range in Active Filter Design

Funda Daylak, Serdar Ozoguz

Electronics, 2025

[International DOI: https://doi.org/10.3390/electronics14040786](https://doi.org/10.3390/electronics14040786)

Neural network based frequency adaptive digital predistortion of RF power amplifiers

Funda Daylak, Serdar Ozoguz, Lida Kouhalvandi, Oguz Bayat

Analog Integrated Circuits and Signal Processing, 2025

[International DOI: https://doi.org/10.1007/s10470-025-02466-1](https://doi.org/10.1007/s10470-025-02466-1)

PROCEEDINGS

Deep Neural Network Based Digital Predistorter of Power Amplifiers

Funda Daylak, Ece Olcay Gunes, Oguz Bayat, Serdar Ozoguz

2021 13th International Conference on Electrical and Electronics Engineering (ELECO)-Yayınıcı:IEEE,

[International](#)

PROCEEDINGS

A Daily Multiobjective Optimization Model in Smart Grids

Funda Daylak, Oğuzhan Ceylan, Canan Zobi Karatekin

2016 51st International Universities Power Engineering Conference (UPEC)- Yayıncı:IEEE,
International

PROJECTS

THESIS SUPERVISION

COURSES

Course Type	Course Code	Course Name
Bachelor's Degree	EE242	DIGITAL SYSTEMS
Bachelor's Degree	ELK242	SAYISAL SİSTEMLER
Bachelor's Degree	EE207	DC CIRCUIT ANALYSIS AND DESIGN
Bachelor's Degree	ELK208	AC DEVRE ANALİZİ
Bachelor's Degree	EE299	ELECTRICAL-ELECTRONIC ENGINEERING INTERNSHIP I
Bachelor's Degree	EE399	ELECTRICAL-ELECTRONIC ENGINEERING INTERNSHIP II
Bachelor's Degree	ELK299	ELEKTRİK-ELEKTRONİK MÜHENDİSLİĞİ STAJI I
Bachelor's Degree	ELK399	ELEKTRİK-ELEKTRONİK MÜHENDİSLİĞİ STAJI II

PERSONAL INFORMATION

CONTACT INFORMATION

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