

**Serhat KARAP, Ph.D.****Assistant Professor**

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Department of Electrical and Electronics Engineering

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**EDUCATION**

2011 - 2017	Gazi University, Electrical and Electronic Engineering, PhD
2006 - 2009	Istanbul University, Electrical and Electronic Engineering, MSc
2000 - 2006	Istanbul University, Electronic Engineering, BSc

**ACADEMIC POSITIONS**

02/2026 - Present	Assistant Professor, Department of Electrical and Electronics Engineering, Atılım University, Turkey
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**RESEARCH INTERESTS**

1	Image Processing
2	Signal Processing
3	Computer Vision
4	Machine Learning
5	Deep Learning
6	Optimization Techniques

**PUBLICATIONS**

1	Gökçe, H., Karap, S. (2025). Application of Worm Optimization Algorithm to Design Challenges: A Focus on Compression Springs. <i>Mechanika</i> , 31(5), 499-504
2	Aydin, M., Hardalac, F., Ural, B., Karap, S. (2016). Neonatal jaundice detection system. <i>Journal of Medical Systems</i> , 40:166.

**CITATIONS**

Sum of times cited without self-citations (ISI Web of Science):	45
H-index (ISI Web of Science):	1

**COURSES GIVEN**

<b>1</b>	EE106 Introduction to Computational Tools 2025-2026 Spring
<b>2</b>	EE234 Introduction to Electrical Engineering 2025-2026 Spring