


**IŞIK UNIVERSITY**  
**Mechanical Engineering Department**  
**Other Departments Academic Personnel Data Form**

A. PERSONAL		
Title	Assistant Prof. Dr.	
Name	Elif Işıkçı KOCA	
Birth Place / Year	Altındağ / 1989	
e-Mail / Personal Web Site	<a href="mailto:elif.isikci@isikun.edu.tr">elif.isikci@isikun.edu.tr</a>	
Working Field(s)	Biomedical Engineering	
Foreign Language(s)	English	
Department	Electrical-Electronics Engineering	
Program	Mechatronics Engineering	

B. EDUCATION			
Degree	Year	Subject	Institution
Doctorate	2020	Bioengineering	Marmara University
Master of Science	2014	Bioengineering	Ege University
Bachelor of Science	2012	Bioengineering	Ege University
Associate	-	-	-

C. ACADEMIC		
Title	Year	Institution
Professor	-	-
Associate Professor	-	-
Assistant Professor	2024 - ...	FMV Işık University, Electrical-Electronics Eng. Dept.
Assistant Professor	2020 - 2022	Istanbul Arel University, Biomedical Eng. Dept.
Lecturer	-	-
Research Assistant	2014 - 2020	Istanbul Arel University, Biomedical Eng. Dept.

D. PROFESSIONAL EXPERIENCE	
a. Domestic	
Assistant Professor (2024-...)	FMV Işık University, Electrical-Electronics Eng. Dept.
R&D Project Manager (2022-2024)	Neo Auvra Dijital Sağlık ve Biyonik Teknolojileri ve Hizmetleri Sanayi ve Ticaret A. Ş.
Assistant Professor (2020-2022)	Istanbul Arel University, Biomedical Eng. Dept.
Research Assistant (2014-2020)	Istanbul Arel University, Biomedical Eng. Dept.
b. Abroad	
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E. ADMINISTRATIVE EXPERIENCE	
<b>a. At Işık University</b>	
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<b>b. At Other Institutions/Companies</b>	
Vice Chair of Dept. (2021 - 2022)	Istanbul Arel University, Biomedical Engineering Dept.
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F. INTERESTED SUBJECTS
Bioengineering
Biomedical Engineering
Biomaterials
Smart Polymers

G. INSTRUCTED COURSES	
<b>a. Işık University (Own Department)</b>	<b>b. Mechatronics Engineering Program</b>
ELEC2204 Electrical Circuits Lab.	ELEC2207 Electrical Circuits Lab.
BMED3201 Introduction to biomaterials	BMED4803 Biosensors
BMED3301 Biomedical instrumentation I	
BMED3302 Biomedical instrumentation II	
BMED4303 BioMEMs and bionanotechnology	
BMED4912 Graduation Design Project	
ENGR4901 Introduction to Design Projects	

H. NUMBER OF SUPERVISED GRADUATE THESIS	
Master of Science	1
Doctorate	-

I. PUBLICATIONS						
Type	SCI-Expanded International Journal Papers	Other International Journal Papers	National Referred Journal Papers	International Symposium Papers	National Symposium Papers	Books / Chapters in Books (Translations Incl.)
Numbers	1	-	3	9	6	5
<b>SCI-Expanded Total Number of Citations</b>	53					
Important Publications						
Thermoresponsive hydrogels based on renewable resources						
Heart Rate Variability in Athletes During a Virtual Reality-Based Working Memory Experience						
Eco-friendly Bacterial Cellulose/Castor Oil Hydrogels: Physicochemical Behavior and Biocompatibility						
Fiziksel performans etkisinde mental aktivitenin elektrofizyolojik bulgularının değerlendirilmesi						

<b>J. RESEARCH EXPERIENCE</b>						
<b>Number of Projects</b>	<b>DPT Projects</b>	<b>TÜBİTAK Projects</b>	<b>SANTEZ Projects</b>	<b>BAP Projects</b>	<b>EU Projects</b>	<b>Other Projects</b>
<b>As Supervisor</b>	-	-	-	-	-	-
<b>As Researcher</b>	-	-	1	1	-	-

<b>K. REFERREING</b>								
<b>Type</b>	<b>SCI Journals</b>	<b>Other Journals</b>		<b>Symposiums</b>		<b>R &amp; D Projects</b>		
		<b>National</b>	<b>International</b>	<b>National</b>	<b>International</b>	<b>ARDEB</b>	<b>TEYDEB</b>	<b>International</b>
<b>Numbers</b>	-	-	-	-	-	-	-	-

<b>L. INTELLECTUAL PROPERTIES</b>			
<b>Patents</b>	<b>Utility Models</b>	<b>Industrial Designs</b>	<b>Other</b>
-	-	-	-

<b>M. PROFFESIONAL ASSOCIATION MEMBERSHIPS</b>
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<b>N. OTHER USEFUL INFORMATION (if any)</b>
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