


**IŞIK UNIVERSITY**  
**Mechanical Engineering Department**  
**Personnel Data Form**

A. PERSONAL		
Title	Assistant Prof. Dr. (Part-Time)	
Name	Kerem Altun	
Birth Place / Year	Ankara / 1977	
e-Mail / Personal Web Site	<a href="mailto:kerem.altun@gmail.com">kerem.altun@gmail.com</a>	
Working Field(s)	Mechatronics	
Foreign Language(s)	English, Spanish	

B. EDUCATION			
Degree	Year	Subject	Institution
Doctorate	2011	Electrical and Electronics Eng.	Bilkent University
Master of Science	2002	Mechanical Engineering	METU
Bachelor of Science	1999	Mechanical Engineering	METU
Associate	-	-	-

C. ACADEMIC		
Title	Year	Institution
Professor	-	-
Associate Professor	-	-
Assistant Prof. Dr.	2024	Yıldız Technical University
Assistant Prof. Dr.	2022	Işık University, Mechanical Engineering Department
Assistant Prof. Dr.	2020	İzmir Institute of Technology
Assistant Prof. Dr.	2016	Işık University, Mechanical Engineering Department
Assistant Prof. Dr.	2012	İstanbul Kemerburgaz University
Lecturer	-	-
Research Assistant	2000	Middle East Technical University

D. PROFESSIONAL EXPERIENCE	
a. Domestic	
2024 – present	Yıldız Technical University
2020 – 2022	İzmir Institute of Technology
2016 – 2020 and 2022 – 2024	Işık University, Mechanical Engineering Department
2012 – 2016	İstanbul, Kemerburgaz University
2005 – 2011	Teaching / Research Assistant, Bilkent University
2000 – 2005	Teaching / Research Assistant, Middle East Technical University
b. Abroad	
2011 – 2012	The University of British Columbia, Vancouver, BC, Canada

<b>E. ADMINISTRATIVE EXPERIENCE</b>	
<b>a. At Işık University</b>	
<b>b. At Other Institutions/Companies</b>	

<b>F. INTERESTED SUBJECTS</b>
Wearable sensors and systems
Human motion modeling and analysis
Inertial navigation

<b>G. INSTRUCTED COURSES</b>	
<b>a. At Işık University</b>	<b>b. At Other Institutions</b>
Theory of Machines	Linear Algebra
Modern Control Theory	Discrete Mathematics
Computational Methods in Eng.	System Dynamics
Graduate Design Project	Dynamics

<b>H. NUMBER OF SUPERVISED GRADUATE THESIS</b>	
<b>Master of Science</b>	6
<b>Doctorate</b>	

<b>I. PUBLICATIONS</b>						
<b>Type</b>	<b>SCI-Expanded International Journal Papers</b>	<b>Other International Journal Papers</b>	<b>National Referred Journal Papers</b>	<b>International Symposium Papers</b>	<b>National Symposium Papers</b>	<b>Books / Chapters in Books (Translations Incl.)</b>
<b>Numbers</b>	5			6	4	
<b>SCI-Expanded Total Number of Citations</b>	425					
<b>Important Publications</b>						
K. Altun, K. E. MacLean, "Recognizing affect in human touch of a robot," Pattern Recognition Letters, 66(1), pp. 31-40, November 2015.						
K. Altun, B. Barshan, "Pedestrian dead reckoning employing simultaneous activity recognition cues," Measurement Science and Technology, 23(2), 025103, February 2012.						
K. Altun, B. Barshan, O. Tunçel, "Comparative study on classifying human activities with miniature inertial and magnetic sensors," Pattern Recognition, 43(10), pp. 3605-3620, October 2010.						
T. Ballı Altuğlu, K. Altun, "Recognizing touch gestures for human-robot interaction," Proceedings of 17th International Conference on Multimodal Interaction, 9-13 November 2015, Seattle, WA, USA.						

<b>J. RESEARCH EXPERIENCE</b>						
Number of Projects	DPT Projects	TÜBİTAK Projects	SANTEZ Projects	BAP Projects	EU Projects	Other Projects
As Supervisor				2		
As Researcher						

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

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

<b>M. PROFESSIONAL ASSOCIATION MEMBERSHIPS</b>

<b>N. OTHER USEFUL INFORMATION (if any)</b>