


IŞIK UNIVERSITY
Mechanical Engineering Department
Personnel Data Form

A. PERSONAL		
Title	Dr.	
Name	Osman Taha Şen	
Birth Place and Year	Akhisar 1982	
e-Mail / Personal Web Site	senos@itu.edu.tr http://faculty.itu.edu.tr/senos/	
Working Field	Mechanical Engineering	
Foreign Language	English	

B. EDUCATION			
Degree	Year	Subject	Institution
Doctorate	2012	Mechanical Engineering	The Ohio State University
Master of Science	2007	Mechanical Engineering	Istanbul Technical University
Bachelor of Science	2005	Mechanical Engineering	Istanbul Technical University
Associate	-	-	-

C. ACADEMIC		
Title	Year	Institution
Professor	-	-
Associate Professor	-	-
Assistant Professor	-	-
Lecturer	2012-	Istanbul Technical University
Research Assistant	2007-2012	Istanbul Technical University

D. PROFESSIONAL EXPERIENCE	
a. Domestic	
2016-	Lecturer, Işık University
2012-	Lecturer, Istanbul Technical University
2007-2012	Research Assistant, Istanbul Technical University
b. Abroad	
2008-2012	Research Assistant, The Ohio State University

E. ADMINISTRATIVE EXPERIENCE	
a. In the University	
-	-
b. In other Institutions	
-	-

F. INTERESTED SUBJECTS	
Mechanical Vibrations and Acoustics	
Nonlinear Dynamics	
Signal Processing	

G. INSTRUCTED COURSES	
a. At Işık University	b. At the Other Institutions
AUE 421 Vehicle Design and CAD	MAT 201E Differential Equations (ITU)
	MAT 202 Numerical Methods (ITU)
	MEK 205E Engineering Mechanics (ITU)
	MAK 312E Measurement Systems (ITU)
	MAK 4062E Railway Vehicles (ITU)
	MOT 501E Engineering Mathematics (ITU)

H. NUMBER OF SUPERVISED GRADUATE THESIS	
Master of Science	5
Doctorate	-

I. PUBLICATIONS						
Type	SCI International Journal Papers	Other International Journal Papers	National Referred Journal Papers	International Symposium Papers	National Symposium Papers	Books / Chapters in Books (Translations Incl.)
Numbers	4	-	-	9	2	2
SCI Total Number of Citations	36					
Important Publications						
O.T. Şen, J.T. Dreyer, R. Singh, "Feasibility of controlling speed-dependent low-frequency brake vibration amplification by modulating actuation pressure", Journal of Sound and Vibration, Vol. 333, 2014, s. 6332-6348.						
O.T. Şen, J.T. Dreyer, R. Singh, "Low frequency dynamics of a translating friction element in the presence of frictional guides, as motivated by a brake vibration problem", Journal of Sound and Vibration, Vol. 332, 2013, s. 5766-5788.						
O.T. Şen , J.T. Dreyer , R. Singh, "Envelope and Order Domain Analyses of a Nonlinear Torsional System Decelerating Under Multiple Order Frictional Torque", Mechanical Systems and Signal Processing, Vol. 35, 2013, s. 324-344.						
O.T. Şen , J.T. Dreyer , R. Singh, "Order Domain Analysis of Speed-Dependent Friction-Induced Torque in a Brake Experiment", Journal of Sound and Vibration, Vol. 331, 2012, s. 5040-5053.						

J. RESEARCH EXPERIENCE						
Number of Projects	DPT Projects	TÜBİTAK Projects	SANTEZ Projects	BAP Projects	EU Projects	Other Projects
As Supervisor	-	2	-	1	-	-
As Researcher	-	1	-	-	-	2

K. REFERREING								
	SCI Journals	Other Journals		Symposiums		R & D Projects		
		National	International	National	International	ARDEB	TEYDEB	International
Numbers	10	-	-	-	2	-	10	-

L. INTELLECTUAL PROPERTIES			
Patents	Utility Models	Industrial Designs	Other
-	-	-	-

M. PROFESSIONAL ASSOCIATION MEMBERSHIPS
ASME, SAE, INCE, SEM