


IŞIK UNIVERSITY
Mechanical Engineering Department
Personnel Data Form

A. PERSONAL		
Title	Professor	
Name	Ali Taner DERBENTLİ	
Birth Place and Year	Muş, November 22, 1948	
e-Mail / Personal Web Site	derbentlit@itu.edu.tr , http://web.itu.edu.tr/derbentlit	
Working Field	Thermodynamics, Heat Transfer	
Foreign Language	English	

B. EDUCATION			
Degree	Year	Subject	Institution
Doctorate	1980	Thermal Technologies	İTÜ, Faculty of Eng. and Architecture
Master of Science	1972	Mechanical Eng.	University of Manitoba
Bachelor of Science	1970	Mechanical Eng.	University of Manitoba
Associate			

C. ACADEMIC		
Title	Year	Institution
Professor	1997	İTÜ, Faculty of Mechanical Engineering
Associate Professor	1986	İTÜ, Faculty of Mechanical Engineering
Assistant Professor	1984	İTÜ, Faculty of Mechanical Engineering
Lecturer	-	-
Research Assistant	1976	İTÜ, Faculty of Engineering and Architecture

D. PROFESSIONAL EXPERIENCE	
a. Domestic	
Teaching and research	İTÜ, Faculty of Mechanical Engineering (1983-2015)
b. Abroad	
Post doc. research	University of Minnesota, Dept. of Mech. Eng. (1986)

E. ADMINISTRATIVE EXPERIENCE	
a. In the University	
Dean	İTÜ, Faculty of Mechanical Engineering (2004-2010)
Associate Dean	İTÜ, Faculty of Mechanical Engineering (1986-1992)
Director	İTÜ, Institute for Graduate Studies (2001)
b. In other Institutions	

F. INTERESTED SUBJECTS

Thermodynamics, Heat Transfer, Cogeneration, Thermoconomics, Numerical Heat Transfer, Radiative Heat Transfer.

G. INSTRUCTED COURSES

a. At Işık University	b. At the Other Institutions
ME464 Applied Thermal Analysis	<u>Undergraduate</u> : Thermodynamics, Heat Transfer, Thermal Environmental Engineering, Computer Programming, Numerical Methods, Linear Algebra.
	<u>Graduate</u> : Design of Thermal Systems, Numerical Computation of Heat Transfer and Fluid Flow, Radiation

H. NUMBER OF SUPERVISED GRADUATE THESIS

Master of Science	28
Doctorate	3

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	1	2	2	3	24	8
SCI Total Number of Citations	-					
Important Publications						
Mühendislik Yaklaşımıyla Termodinamik, Mc-Graw-Hill-Literatür, İstanbul, 867 s. (1996). (Translation from : Thermodynamics: An Engineering Approach, Çengel, Y. A., Boles, M.A. , McGraw-Hill, 1993)						
Isı ve Kütle Geçişinin Temelleri, (Fundamentals of Heat and Mass Transfer, Bergman, T., A. Lavine, F. Incropera, P. DeWitt' ten çeviri) , Palme Yayıncılık, Ankara, 2015. (Editör)						
A Variational Formulation and Ritz Solution of the Radiative Equilibrium of a Plane Slab, International Communications in Heat and Mass Transfer, v. 24, No. 3 , p. 349-356, (1997).						
Thermodynamic and Economic Analysis of Cogeneration Steam Cycles, ASHRAE Transactions v. 93 part 2, p. 309-319, (1987).						
Three Scenarios for the Future of Energy in Turkey , Anadolu Energy Symposium, Fırat Üniversitesi, Elazığ, 22-24 June 2011. (N. Kaptan ile birlikte) (In Turkish)						
Programming and Fortran 77, Kipaş Yayıncılık, İstanbul,, 238 s. (1985). (In Turkish)						
Thermoeconomic Analysis of Thermal Systems, 14th National Thermal Sciences and Technology Congress, Süleyman Demirel Üniversitesi, Isparta, 3-5 September 2003. (In Turkish)						
Proceedings of the First National Symposium on Mechanical Engineering Education, İ.T.Ü. Makina Fakültesi Ofset Atölyesi, İstanbul, 500 s. (1990). (Editors with Y. Özemir and T. Dinibütün) (In Turkish)						

J. RESEARCH EXPERIENCE						
Number of Projects	DPT Projects	TÜBİTAK Projects	SANTEZ Projects	BAP Projects	EU Projects	Other Projects
As Supervisor	-	-	-	2	-	2
As Researcher						3

K. REFERREING								
	SCI Journals	Other Journals		Symposiums		R & D Projects		
		National	International	National	International	ARDEB	TEYDEB	International
Numbers	2	15	5	26	-	-	30	-

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

M. PROFFESIONAL ASSOCIATION MEMBERSHIPS
Chamber of Mechanical Engineers (Turkey)
Turkish Society for Thermal Sciences and Technologies