

DR. NEDIM TURKMEN

Assist. Prof., Mechanical Engineering Dept., King Abdulaziz University

Education

<i>Degree</i>	<i>Field of Study</i>	<i>Institution</i>	<i>Year</i>
PhD	Mechanical Engineering	Istanbul Technical University	1997
MS	Mechanical Engineering	Istanbul Technical University	1991
BS	Mechanical Engineering	Istanbul Technical University	1988

Academic Experience

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title (Chair, Coordinator, etc.)</i>	<i>Full or Part Time</i>
1997	1999	Istanbul Technical University	Research Faculty		Full Time
1999	2003	Lehigh University	Research Scientist		Full Time
2003	Date	King Abdulaziz Univ.	Assist Prof.		Full Time

Funded Research Projects and Patents from the Past Five Years

1. Design, Fabrication and Simulation of a Small Scale Experimental Barometric Desalination Unit, Research Project, Center of Excellence in Desalination Technology, Project no. CEDT-31-101, 2011.
2. Investigation of the possibility to homogenize tahina, Deanship of the Scientific Research, King Abdulaziz University, 2011.
3. Investigation of a new technique for classification of tahina, Deanship of the Scientific Research, King Abdulaziz University, Project no. 4-16/429, 2009

Certifications and Professional Registrations

Licensed Professional Engineer in Turkey

Current Membership in Professional Societies and Organizations

<i>Society/organization</i>	<i>Rank</i>	<i>Member Since</i>
1. Turkish Society for Mechanical Engineers	Member	1988

Honours and Awards

1. Ranked first among 111 BS graduates from the Mechanical Engineering Department, Istanbul Technical University, Turkey, 1988

Institutional and Professional Services (*administration, committees, units, etc.*)

1. Academic advisor for more than 60 students, over 9 years, Thermal Eng. Dept., KAU, 2003-present.
2. ABET Accreditation Committee member of Thermal Eng. Program 2003-2011
3. Member of the Faculty of Engineering Academic Accreditation Unit, KAU, 2006- present.
4. Coordinator of ABET Accreditation Committee of Thermal En. Dept., KAU, 2011- present.

4. Coordinator of BS Project Committee of Thermal En. Dept., KAU, 2003- present.

Principal Publications/Presentations from the Past Five Years

- 1) Ali M. Al-Bahi, Mahmoud A. Taha, Nedim Turkmen, Capstone Design Projects in the Environment of Weak Industry-Academia Interaction, IEEE EDUCON, Conference date: 3-5 April 2014, Istanbul.
- 2) Ali M. Al-Bahi, Mahmoud A. Taha, Nedim Turkmen, Teaching and Assessing Engineering Professional Skills, International Journal of Engineering Pedagogy, vol. 3, 2013.
- 3) Tefaruk Haktanir, Haitham A. Bogis, Nedim Turkmen and Mehmet Akyurt, Statistical Analyses of Tahina Products, Journal of Engineering and Manufacturing Technology (JEMT) Vol. 1 (2013) pp. 11-23.
- 4) Akyurt, M. and N. Türkmen Harnessing the Energy Accompanying Freezing, Energy Conversion and Management, vol. 52 no. 5 pp 2241-2246, 2011.
- 5) Turkmen, N and M. Akyurt, Experimental investigation of particle size distribution in commercial tahinas, J. KAU- Engineering Sciences , vol. 22, no. 2, 2011.
- 6) Akyurt, M.,N. Türkmen and S. Aldousari, Assessment of particle size distribution in tahina, Canadian J. on Image Processing and Computer Vision, vol. 1, no. 2, pp 22-29, 2010.

Recent Professional Development Activities (*Workshops, training, etc.*)

1. ABET Program Assessment Workshop, Ashley Ater Kranov, Managing Director, ABET Professional Services, King Abdulaziz University, Jeddah, Saudi Arabia, Feb. 2012.
2. ABET IDEAL Scholar Workshop by Gloria Rogers, September 2013.