

DR. MANSOOR SIDDIQUE

Associate Professor, Mechanical Engineering Dept., King Abdulaziz University

Education

<i>Degree</i>	<i>Field</i>	<i>Institution</i>	<i>Year</i>
PhD	Nuclear Engineering	MIT, Cambridge, USA	1992
MS	Nuclear Engineering	QAU, Islamabad, Pakistan	1984
BS	Mechanical Engineering	Bosporus University, Turkey	1980

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>
1992	1995	PIEAS, Pakistan	Assist Prof.		Full Time
1995	2001	PIEAS, Pakistan	Assoc. Prof.		Full Time
2001	Date	King Abdulaziz Univ.	Assoc. Prof.		Full Time

Non Academic Industrial Experience (including Consultations)

<i>From</i>	<i>To</i>	<i>Company/Entity</i>	<i>Title</i>	<i>Position Description (Brief)</i>	<i>Full or Part Time</i>
1980	1982	Exxon Chem. Inc., Pakistan	Trainee Engineer	Maintenance Engineer	Full Time

Funded Research Projects and Patents from the Past Five Years

1. Research project No. CEDT-31-101, Center for Excellence in Desalination Technology (CEDT), King Abdulaziz University, Jeddah. Saudi Arabia, *Design, Fabrication and Simulation of a Small Scale Experimental Barometric Desalination Unit, 2011, running.*
2. Research project, King AbdulAziz City for Science and Technology KACST, *Modeling and analysis of motivated thermal system components possessing enhanced heat transfer capabilities, 2012.*

Honours and Awards

1. Recipient of 'Tamgha-e-Baqa' Medal from Pakistan Atomic Energy Commission, 1999.
2. PIEAS honorarium for exceptional project work, 1999.
3. American Nuclear Society certificate of author recognition, 1991.
4. Pakistan Govt. scholarship for Ph.D. studies at MIT, 1986-90.
5. Fellowship for M.Sc. Nuclear Engineering Studies at Quaid-e-Azam Univ., Pakistan 1982-1984.
6. CENTO merit scholarship for mechanical engineering studies in Turkey, 1976-1980.

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

1. Member, Departmental Accreditation Committee, 2004 – present.
2. Member, Departmental Undergraduate Curriculum Committee, 2005 – 2012.
3. Member, Departmental Senior Project Committee, 2004 – present.

4. Member, Departmental Student Advising Committee, 2004 – present.
5. Member Pakistan Institute of Engineering and Applied Sciences, Fellowship Selection Committee, 1997 – 2001

Principal Publications/Presentations from the Past Five Years

7. M. M. Mansoor, K. Wong, and M. Siddique, “Numerical Investigation of Fluid Flow and Heat Transfer under High Heat Flux using Rectangular Micro-Channels”, International Communications in Heat and Mass Transfer, Vol. 39, pp. 291-297, 2012.
8. M. Siddique, A.-R. A. Khaled, N. I. Abdulhafiz, and A. Y. Boukhary, “Recent Advances in Heat Transfer Enhancements: A Review Report”, International Journal of Chemical Engineering, Volume 2010, 28 pages.