

Wazzan, Abdulaziz

Professor, Department of Chemical and Materials Engineering, King Abdulaziz University

Current position: Vice-Dean for Graduate Studies and Scientific Research

Education			
<i>Degree</i>	<i>Field of Study</i>	<i>Institution</i>	<i>Year</i>
PhD	Chemical Engineering	University of Manchester, Institute of Science and Technology, UK	1995
MS	Chemical Engineering	University of Manchester, Institute of Science and Technology	1991
BS	Chemical Engineering	King Abdulaziz University	1985

Academic Experience					
<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title</i>	<i>Full or Part Time</i>
1987	1995	King Abdulaziz University	Graduate Assist.		Full Time
1995	2003	King Abdulaziz University	Assist. Prof.		Full Time
2003	2005	King Abdulaziz University	Assoc. Prof.		Full Time
2005	Date	King Abdulaziz University	Professor		Full Time

Non Academic Industrial Experience (including Consultations)					
<i>From</i>	<i>To</i>	<i>Company/Entity</i>	<i>Title</i>	<i>Position Description</i>	<i>Full or Part Time</i>
1996	1997	SABIC, KSA.	R&D Consaltant		Part Time
2005	2007	Global Arabian for Modern Application Ltd.(GAMA)	General Manager	Project manager	Part Time
2007	Date	Saudi Post, KSA.	HE Saudi Post President Advisor	GM of the Postal Address Department	Part Time

Funded Research Projects and Patents from the Past Five Years	
1.	“Design of high performance gas sensors using oxide semiconductor nanofibers”, (Co-I), KAU funded- December 2014.

Certifications and Professional Registrations
None

Current Membership in Professional Societies and Organizations		
<i>Society/organization</i>	<i>Rank</i>	<i>Member Since</i>
1. Saudi Council of Engineers	Member	1998

Honors and Awards	
1.	Certificate of Merit given by the Rector of KAU for participation in the Students - activities during the years 1997,1998,1999,2000.
2.	Certificate of Merit given by the Rector of KAU for participation in the First Saudi Symposium on

	Energy Utilization and Conservation 1990.
3.	Certificate of Merit given by the Dean of the College of Engineering for the years - 1990,1993.

Institutional and Professional Services (<i>administration, committees, units, etc.</i>)	
1.	Vice Dean for Post-Graduate Studies and Scientific Research, College of Engineering, 2013- Present
2.	Editor of King Abdulaziz University Journal [Engineering science], 2013 - Present
3.	Chairman, Chemical and Materials Engineering Department, King AbdulAziz University, 2003-2005.
4.	Acting Chairman, Chemical and Materials Engineering Department, King Abdulaziz University, July 1995, August 1996, April 2001
5.	Deputy Chairman of the academic Affairs Committee of the Faculty
6.	General Secretary of the Department Council
7.	Coordinator of Academic Affairs Committee, 1995 - 2003
8.	Coordinator of Senior Project and Training Committee, 2001 - 2012
9.	Coordinator of Laboratory & Safety Committee, 1996 - 2012
10.	Coordinator of recruitment Committee, 2003-2012.
11.	Member of many Departmental Committees
12.	Head and member of many college committees
13.	Members of the Graduate Studies Deanship Council, 2013-Present.
14.	Member of Committee of Academic Center of Excellence Affaire, 2013-Present
15.	Member of Committee of Academic Council's Affaire, 2013-Present.
16.	Member in the reception Committee of the First Conference of Minister of Higher Education in the Islamic World, 2001.
17.	The Collage of Engineering Committee for the Entrance Exam to the University (member), September, 1997.
18.	First Saudi Engineering Conference Organization, May 1983 (Member)
19.	Technical Committee for the Examination of Bids for Engineering Building Construction, April 1983 (Member).

Principal Publications/Presentations from the Past five Years	
1.	Ji-Wook Yoon, Young Jun Hong, Gi Dae Park, Su-Jin Hwang, Faissal Abdel-Hady, Abdulaziz A. Wazzan , Yun Chan Kang, and Jong-Heun Lee, Kilogram-Scale Synthesis of Pd-Loaded Quintuple-Shelled Co ₃ O ₄ Microreactors and Their Application to Ultrasensitive and Ultraspecific Detection of Methylbenzenes, DOI: 10.1021/acsami.5b00706 ACS Appl. Mater. Interfaces
2.	A.H. El-Shazly, A.A. Wazzan , T.A. Radain, Investigation for the Possibility of Improving the Reinforced Concrete Corrosion Resistance Using Polyaniline Coated Steel, Int. J. Electrochem. Sci. 7 (2012) 2416-2429.
3.	A.H. El-Shazly, A.A. Wazzan , Using Polypyrrole Coating for Improving the Corrosion Resistance of Steel Buried in Corrosive Mediums, Int. J. Electrochem. Sci. 7 (2012) 1946-1957.
4.	A.H. El-Shazly, A.A. Wazzan , Investigation of the performance of the Galvanic Coupling of Polyaniline Coated steel and Zinc in Seawater, Int. J. Electrochem. Sci. 6 (2011) 337-347.

Recent Professional Development Activities (<i>Workshops, training, etc.</i>)	
1.	Lyngsoe systems, Denmark 2012.
2.	Plastech, Thermoset Tectonics. Cornwall, UK, 2005.