

DR. ABDULAZIZ UTHMAN ALGhamdi**Associate Professor, Electrical and Computer Engineering Dept., King Abdulaziz University****Education**

<i>Degree</i>	<i>Field</i>	<i>Institution</i>	<i>Year</i>
PhD	Electrical Power Engineering	University of Manchester, Institute of Science and Technology (UMIST), Manchester, UK	1985
MS	Electrical and Electronics Engineering	California State University, Sacramento (CSUS), California, USA	1980
BS	Electrical and Electronics Engineering	King Fahad University of Petroleum and Minerals (KFUPM), Saudi Arabia	1976

Academic Experience

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Full or Part Time</i>
1976	1980	King Abdulaziz Univ.	Graduate Assistant	Full Time
1980	1985	King Abdulaziz Univ.	Lecturer	Full Time
1985	1993	King Abdulaziz Univ.	Assistant professor	Full Time
1993	Date	King Abdulaziz Univ.	Associate 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 (Brief)</i>	<i>Full or Part Time</i>
1986	1987	King Abdulaziz Univ.	Vice Director of The Academic Affairs in the Faculty of Engineering	Vice Director	Part Time
1987	1989	King Abdulaziz Univ.	Director of the Academic Affairs in the Faculty of Engineering	Director	Part Time
1989	1992	King Abdulaziz Univ.	Director of the Higher Studies and R Dept. in the Faculty of Engineering	Director	Part Time
1996	2006	King Abdulaziz Univ.	Director of the Scientific Equipment Maintenance Centre	Director	Part Time
2000	2004	King Abdulaziz Univ.	Chairman of Electrical and Computer Engineering Department	Chairman	Part Time
2007	2009	King Abdulaziz Univ.	Vice Dean Of the Faculty of Engineering	Vice Dean	Part Time

Funded Research Projects and Patents from the Past Five Years

1. Research member in the “Scientific Chair of Saudi Electricity Company on Demand Side Management and Energy Efficiency” 2009 - 2012

Certifications and Professional Registrations

Member in the Saudi American Energy Committee (Under KACST), 1986 – 1988

Member of several committees participated in analysing power system faults in the western region of the Kingdom, 1990 – 1992

Member of the team responsible for electricity development in the Kingdom. (Under the Ministry of Industry and Electricity), 1996 – 1997

Current Membership in Professional Societies and Organizations

<i>Society/organization</i>	<i>Rank</i>	<i>Member</i>
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1. Member of IEEE	Member	1986
2. Member of Golf Cigre'	Member	1995
6. Saudi Council of Engineers	Member	2010

Honours and Awards

1. Honoured by KAU as the example academic advisor for the year 1987.
2. Received several letters of appreciation for the accomplished works. (From the prince of the western region, the KAU president, the Deans of Faculty of Engineering and the Minister of The Ministry of Industry and Electricity) and many others.

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

1. Academic advisor for more than 300 students, over 30 years, Electrical and Computer Eng. Dept., KAU, 1985 - Date.
2. Member of Electrical and Computer Eng. Programs for ABET accreditation (2000-2015).
3. Director of the Faculty of Engineering Academic Accreditation Unit, KAU, 2006- 2012.
6. Coordinator of several Faculty of Engineering and Departmental Committees (Curriculum, Postgraduate, and Strategic Planning, Courses) in KAU Since 1990.
7. Coordinator of the Scientific Committee of the "Computer 17th National Conference", Medina, Saudi Arabia, 2004

Recent Principal Publications

1. S. M. Bashi, A. U. M. Abdul-Aziz, N. F. Maiah, "Effect of High Power Electronics Converters on PLC Signals", Journal of Applied Sciences 6 (9): 1888-1891, 2006.
2. U. M. Abdul-Aziz, S. M. Bashi, A. A. Althubaiti, "Analysis of the Over-Voltages Produced by Lightning Strokes in the Power Transmission System in the Southern Region of Saudi Arabia", American Journal of Applied Sciences 3 (3): 1755-1759, 2006.
3. I M. Jomoah, Sreerama Kumar R, A. U. M. Al-Abdulaziz, N. Y. Abdel-Shafi, R. R Obaid, "Ethernet TCP/IP based building energy management system in a university campus in Saudi Arabia, International Journal Of Energy And Environment", Volume 4, Issue 6, 2013 pp.1033-1040, Journal homepage: www.IJEE.IEEFoundation.org
4. A. U. M. Abdul-Aziz, Habib I. Alhabib, "Power Networks Planning Using Mixed-Integer Programming", Journal of King AbdulAziz University "Engineering Sciences", vol.6 , 2010, p. 70
5. I. M. Jomoah, Sreerama Kumar R, A. U. M. Al-Abdulaziz, N. Y. Abdel-Shafi, R. R Obaid, "Ethernet TCP/IP based building energy management system in a university campus in Saudi Arabia", International Journal Of Energy And Environment, Volume 4, Issue 6, 2013 pp.1033-1040, Journal homepage: www.IJEE.IEEFoundation.org
6. H. S. Alamoudi, A. U. Abdulaziz, "Investigation Of Transient Overvoltages On Gis Busbars And External Enclosures, IISTE-Accelerating Global Knowledge Sharing The International Institute for Science, Technology and Education, ISSN (Paper)2222-1727 ISSN (Online)2222-2871, 2017