

DR. AHMED S. ALABDULWAHAB*Associate Professor, Dept. of Electrical and Computer Eng., King Abdulaziz University***Education**

<i>Degree</i>	<i>Field of Study</i>	<i>Institution</i>	<i>Year</i>
PhD	Electrical Power Engineering	University of Saskatchewan, Canada	2003
MS	Electrical Power Engineering	University of Saskatchewan, Canada	2000
BS	Electrical Power Engineering	King Abdulaziz University, Jeddah, Saudi Arabia	1996

Academic Experience

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title (Chair, Full or Coordinator, etc.)</i>	<i>Part Time</i>
2012	Date	JCC, KAU		Dean	Full Time
2008	2010	JCC, KAU		Vice dean for development technology	Full Time and
2007	2008	Computer Information Technology Dept., JCC, KAU		Chairman	Full Time
2012	Date	EE, KAU	Associate Professor		Full Time
2003	2012	EE, KAU	Assistant Professor		Full Time
1996	1997	EE, KAU	Lecturer		Full Time
2010	Winter	Uni. Sask.	Visiting Scholar		Full Time
2007	Summer	Uni. Manchester	Visiting Professor		Full Time

Non Academic Experience (including Consultations)

<i>From</i>	<i>To</i>	<i>Company/Entity</i>	<i>Title</i>	<i>Position (Brief)</i>	<i>Description</i>	<i>Full or Part Time</i>
2011	2012	Expertise Houses Sector, KBA Alliance, KAU	Director			Full Time
2009	2010	Electricity & Co-Generation Regulatory Authority. Saudi Arabia	Consultant			Part Time
2003	Winter	Kenitrecs Inc., Toronto, Canada	Visiting scientist			Full Time

Funded Research Projects and Patents from the Past Five Years

1. Composite System Reliability Assessment Funded By KAU
2. Impact of Smart Grid Technologies on Distribution System Reliability By KAU.

Certifications and Professional Registrations

1. Total Leader® Certificate By The Leadership Management International

2. Certified Assessor From The European Foundation for Quality Management

Current Membership in Professional Societies and Organizations

<i>Society/Organization</i>	<i>Rank</i>	<i>Member Since</i>
1. Institute of Electrical and Electronics Engineers, IEEE	Senior Member	2010
2. Power Quality Working Group in Saudi Arabia	Member	2006
3. Saudi council for Quality	Member	2010
4. GCC Cigre	Member	2011

Honors and Awards

1. Ranked First Among BS Graduates From The Electrical and Computer Engineering Department, King Abdulaziz University, Saudi Arabia 1996.
2. Saudi Ministry of Higher Education Scholarship for MSc and PhD In Canada. 1997.

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

1. Chair of JCC Council
2. Chair of JCC Advisory Board
3. Member of The Business and Knowledge Alliance Executive Board
4. Member of Accreditation Committee At The Elect. & Comp. Eng. Depart., College of Engineering
5. Member of The Elect. & Comp. Eng. Dept. Council
6. Chair of Accreditation Committee At Jeddah Community College
7. Session Organizer and Chair In The 9th International Conference on Probabilistic Methods Applied To Power Systems, Stockholm, Sweden, 2006.
8. Session Chair In The Substation Automation & Smart Grid forum, Saudi Arabia, 2011
9. Technical Committee Member of The Middle East ISGT Conference, Saudi Arabia, 2010
10. Technical Committee Member of The SASG Conference, Saudi Arabia, 2012.

Principal Publications/Presentations from the Past Five Years

1. A. Al-Abdulwahab, "Using a Software Package to Enhance Composite Power System Reliability Teaching," World Transactions on Engineering and Technology Education, vol. 7, no. 1, 2009.
2. A. Al-Abdulwahab, "Probabilistic Electrical Power Generation Modeling using Genetic Algorithm," International Journal of Computer Applications, vol. 5, no. 5, pp. 0975 – 8887, Aug. 2010.
3. A. Al-Abdulwahab, "Probabilistic Electrical Power Generation Modeling using Decimal To Binary Conversion," International Conference on Electrical, Computer, Electronics and Communication Engineering, Dubai, 2011.
4. A. Al-Abdulwahab, "Generating System Wellbeing Index Evaluation using Genetic Algorithm," Journal of King Abdulaziz University for Engineering Sciences, (Accepted) 2012.

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

1. Workshop on Testing and Commissioning By OMICRON, Austria, 2012.
2. Effective Strategic Leadership By LMI, Saudi Arabia, 2010.