

**DR. ABDULAZIZ M. ALSHAREEF***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 Engineering	University of Toledo	1992
MS	Electrical Engineering	University of Colorado, Boulder	1986
BS	Electrical Engineering	King Abdul Aziz University	1982

**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>
2011	Date	King Abdul Aziz University	Professor		Full Time
1994	1996	King Abdul Aziz University	Associate Professor		Full Time
1993	1994	King Abdul Aziz University	Assistant Professor		Full Time
1986	1993	King Abdul Aziz University	Lecturer		Full Time
1982	1986	King Abdul Aziz University	Teacher Assistant		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>
2008	2011	Bakheet Co. For Machinery, Ltd. Jeddah Saudi Arabia	Executive Manager			Full Time
1996	2002	Scientific Publishing Center, King Abdul Aziz University	Director			Full Time
2002	2008	Editor's Board of University Journal, KAU	Member			Part Time
2007	2008	University Journal, KAU	Chief Editor for Eng. Sciences			Full Time
2005	2008	Jeddah Municipality	General Dir. for Human Res., Legal Affairs & IT			Full Time
2011	2011	Technical Committee for King Abdullah project to expand Tawaf capacity for the holy mosque at Makkah Al-Mukarramah	Member			Full Time

**Funded Research Projects and Patents from the Past Five Years**

1. KACST Research Grant, "Load forecasting and Unit Commitments for The Western Area of Saudi Arabia using Neural Networks and Particle Swarm Optimization Technique," 2010-2012 (PI)
2. KAU Research Grant, "Load forecasting for The Western Area of Saudi Arabia using Neural Networks," 2009-2010 (PI)

## Certifications and Professional Registrations

### Current Membership in Professional Societies and Organizations

<i>Society/Organization</i>	<i>Rank</i>	<i>Member Since</i>
1. Institute of Electrical and Electronic Engineering		1986
2. Power Engineering Society		2004
3. Saudi Engineering Organization		2008

### Honors and Awards

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

1. Chairman for Scientific Committee for The First Saudi Conference for Scientific Publishing, 2006.
2. Member of Technical Committee for The Long Term Power Generation, Transmission and Distribution In KSA, Saudi Electrical Agency

#### Principal Publications/Presentations from the Past Five Years

1. Abdulaziz Alshareef and M. F. Abbod, "Intelligent Modeling Techniques of Power Load Forecasting for the Western Area of Saudi Arabia," Journal of King Abdulaziz University: Engineering Sciences, vol. 21, no. 1, pp. 3-18, 2010.
2. Abdulaziz Alshareef and M. F. Abbod, "Optimized Neural Networks for Electrical Load Forecasting," Engineering Journal, College of Engineering, Alexandria University, 2010.
3. Abdulaziz Alshareef and Ahmed Y. Saber, "Next 24 Hrs. Load Forecasting using Artificial Neural Network and Fuzzy Particle Swarm Optimization Based on Multi Objective Strategy for the Western Area," Ain Shams Journal of Electrical Engineering (ASJEE), vol. 2, pp. 393-410, Dec. 2009.
4. Abdulaziz Alshareef, "Next 24 Hrs. Load Forecasting using Artificial Neural Network and Fuzzy Swarm Optimization for the Western Area of Saudi Arabia," Qasim University Journal of Engineering and Computer Sciences, vol. 3, no. 2, 2010.
5. Abdulaziz Alshareef and M. F. Abbod, "The Application of Committee Machine Model in Power Load Forecasting for the Western Region of Saudi Arabia. Journal of King Abdulaziz University: Engineering Sciences, vol 22, no 1, pp 19-38, 2010.
6. Abdulaziz M. Alshareef, "Design of Automated Monitoring and Operating Light Systems," Journal of King Abdulaziz University: Engineering Sciences, vol. 22, no. 1, pp. 63-76, 2010.

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