

**DR. AMJAD HAJJAR***Assistant 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	Colorado State University	2001
MS	Electrical Engineering	Colorado State University	1997
BS	Electrical Engineering	King Abdulaziz University	1992

**Academic Experience**

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title</i>	<i>(Chair, Full or Coordinator, etc.)</i>	<i>Part Time or Full Time</i>
2001	Date	King Abdulaziz University	Assistant Professor			Full Time

**Non Academic Experience** *(including Consultations)*

<i>From</i>	<i>To</i>	<i>Company/Entity</i>	<i>Title</i>	<i>Position Description</i>	<i>Full or (Brief) Part Time</i>
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**Funded Research Projects and Patents from the Past Five Years**

1. Prime-Investigator: "Integer Arithmetic Unit Design for Approximate High-Speed Computing Applications," Deanship of Scientific Research, King Abdulaziz University, 2013
2. Consultant: "Medina Area Rainfall Prediction and Hydrologic Data Analysis," Business and Knowledge Alliance, King Abdulaziz University, 2013
3. Prime-Investigator: "Statistical Based System for Course Performance Evaluation," Deanship of Scientific Research, King Abdulaziz University, 2011-2012
4. Prime-Investigator: "Electrical and Electronics Engineering: Practical Solutions for Non-Electrical Engineers," Deanship of Scientific Research, King Abdulaziz University, 2009-2010
5. Co-Investigator: "Air and Noise Quality Studies At Shameyah Haram Extension," Introduced To Saudi Binladin Group (SBG), 2009
6. Consultant: "The Current Environmental Status In Makkah Al-Mukarrama, Al-Madina Al-Munawwara, and The Holy Places," The High Commission for The Development of Makkah Al-Mukarrama, Al-Madina Al-Munawwara, and The Holy Places, 2006-2008
7. Co-Investigator: "Evaluation of Air Quality At Medina During Hajj 1426H" with The Meteorology Department, Institute of Research and Consultancies, King Abdulaziz University, 2006
8. Consultant: "Evaluation of Air Quality At Mina and Makkah Al-Mukarramah During Hajj 1424H" with The Meteorology Department, Institute of Research and Consultancies, King Abdulaziz University, 2003-2005

**Certifications and Professional Registrations**

### **Current Membership in Professional Societies and Organizations**

<i>Society/Organization</i>	<i>Rank</i>	<i>Member Since</i>
1. IEEE	Member	2010
2. Saudi Council of Engineers	Engineer	2010

### **Honors and Awards**

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

1. Head of The International Cooperation Unit At The College of Engineering: a College Level Unit Responsible for Making Visions and Implementing Special Academic Programs That Encourage Cooperation with International Academia and Industry (2013-Date)
2. Head of The Academic Affairs and Summer Training Unit (AATU) At The College of Engineering: a College Level Unit Responsible for All Academic Affairs, Registration, Counseling, and Students Summer Training (2011-2012)
3. Head of IT Unit At The Center of Excellence for The Environmental Consultations: a University Center of Excellence Responsible for Environmental Consultations and Research (2009)
4. Member of The Nanotechnology Center: a University Center Responsible for Technology Transfer To Saudi Arabia (2006-2008)
5. Member of The Reverse Engineering Unit: a Unit At The College of Engineering To Provide Engineering Skills and Industrial Knowledge for Its Students (2005-2006)
6. President of The Internet & Technical Support Unit: a Unit At The Center of Teaching and Learning Development To Train/support Faculty Members In Issues Regarding Computer Applications, Course Website Developing, and Internet Applications (2003-2006)
7. Organizer of The University Website Competition: a Competition Aiming for Publishing Course Material and Teaching Methods on The Internet (2003-2004)
8. Member of Engineering ABET EC2000 Committee: a Departmental Committee Responsible for Maintaining The Accreditation and Providing Consultations and Necessary Tools for Staff Members (2002-2010)
9. Electrical Engineering Labs Supervisor: This Includes Looking for The 16 Department Labs Needs, Developing and Requesting New Equipment and Intensively Taking Care of The Electronics Lab (updating Its Experiments for All The Courses It Serves) (2002-2005)

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

1. A. Hajjar, N. Sobahi, "Basic Electrical Engineering for Non-majors: Course Design and Implementation," Global Journal of Engineering Education (GJEE), vol. 14, no. 1, pp. 47-56, 2012.

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