

Prof. ABDULRAHMAN HAMID ALMASOUD*Professor, Electrical and Computer Engineering, Dept., King Abdulaziz University***Education**

<i>Degree</i>	<i>Field of Study</i>	<i>Institution</i>	<i>Year</i>
PhD	Electrical and Electronic Engineering	Strathclyde University, UK	1992
MS	Electrical and Computer Engineering	King Abdulaziz University, Saudia	1985
BS	Electrical and Computer Engineering	King Abdulaziz University, Saudia	1981

Academic Experience

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title (Chair, Coordinator, etc.)</i>	<i>Full or Part Time</i>
1992	2005	King Abdulaziz University	Assist. Prof.		Full Time
2006	2014	King Abdulaziz University	Assoc. Prof.		Full Time
2015	Date	King Abdulaziz University	Professor.		Full Time

Non Academic Industrial Experience (including Consultations)**Funded Research Projects and Patents**

1. "Analysis Methods for Assessing Integrated Renewable Energy and Water Desalination Systems", *HiCi* Program 2016.
2. "Solar Energy Integration Facility", KSCER-6, King Salman Scientific Chair for Energy at KAU, 2018.

Certifications and Professional Registrations**Membership in Professional Societies and Organizations****Honours and Awards**

1. Receiving Invention award from The Gulf Engineering Society in Muscat, 1st Dec 2007.
2. Receiving bronze award from The 6th International Exhibition (Su Zhou) of Inventions in China, 16th of October 2008. Cer No. 06GJ03346.
3. Receiving award from Malaysian Invention and Design Society (MINDS) in The 6th International Exhibition (Su Zhou) of Inventions in China, 16th of October 2008.
4. Receiving award from King Abdulaziz University for the first patent, Nov. 2008.
5. Receiving award from MAWHIBA for the second Patent, May 2010.

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

1. Participation in the field research for transportation survey in Jeddah, 1980.
2. Member of committee for new population in Jeddah, 1982.
3. Deputy of maintenance committee in Faculty of Engineering, 1982.
4. Member of committee for student registrations, 1983.
5. Member of committee for social activities in the Dept. 1983.
6. Member of committee for building High Voltage lab in the Dept. 1984.
7. Principal of Saudi School in Glasgow, U.K. 1991.
8. Member of committee for industrial relationships, 1994.
9. Secretary of EE & CE departmental council 1994.
10. Member of committee for security of Faculty of Eng. buildings, 1994.
11. Member of committee for demolishing prefab. buildings at the university.
12. Member of committee for Career day at the university, 1996.
13. Member of committee for social activities in the 4th Saudi conference 1996.
14. Director for the follow-up and development Office in Engineering faculty at KAU, 1997
15. Member of committee for developing administration in the faculty, 1997.

16. Member of committee for engineering day, 1997.
17. Member of technical committee for specifications of electric cables, 1998.
18. Participation in developing housing statute for KAU, 1998.
19. Member of committee for documents in the faculty, 1998.
20. Senior projects advisor.
21. Registration advisor.
22. Attending Programs to Improve Teaching & Professional Experiences
23. Attended more than 11 workshops in the field of teaching development at KAU.
24. Committee member in the department for job satisfaction, Dec. 2004.
25. Committee member at KAU for creating deanship of academic staff , Nov. 2004
26. Attended training course in PIC programming.
27. Attended training course in access language, 2005.
28. Attended training course in computer hard ware maintenance.
29. Committee member for the university admission exams.
30. Committee member in the faculty for administration development.
31. Attending training course in Administration, 2006.
32. Director of Cultural Relations Administration 2006- 2018.
33. Head of E-Government in Conferences and Workshops in the Vice Presidency of Higher Studies and Scientific Research at KAU, 2007.
34. Head of ISO committee in the Vice Presidency of Higher Studies and Scientific Research at KAU, 2008.
35. KAU liaison of E-Government with the ministry of Higher Education, 2008.
36. Director of the Office of Vice Presidency of Higher Studies and Scientific Research at KAU, June 2008.
37. Consultant for Vice President of Higher Studies and Scientific Research at KAU, October 2008.
38. Director of the Conferences and Workshops Administration of Vice Presidency of Higher Studies and Scientific Research at KAU, 2010- 2015
39. Member of continuing committee for international agreements, 2011-2012.
40. Director the KAU participations of the local and international Exhibitions.
41. Participation in the Fifteenth Forum and Exhibition of Quality, Feb 2012.
42. Member of Developing Commission for Emirate of Albaha, 2013.
43. Member of executive committee for the 50th KAU anniversary, May 2015.
44. Consultant of Vice-president for Development 2018- Now

Principal Publications/Presentations

1. Published Paper in King Saud University Journal of Engineering Sciences 2015. "**Future of solar energy in Saudi Arabia**"
2. **Published in Applied Energy Journal in January 2017** "A multi-criteria model analysis framework for assessing integrated water energy system transformation pathways"
3. Will be published in 2020 in **International Journal of Applied Engineering Research (IJAER)** "**Implementation of Solar PV Systems in High Voltage Substations**"

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