

Abdullah Mohammad Abusorrah

Professor, Department of Electrical and Computer Engineering, King Abdulaziz University

Education

<i>Degree</i>	<i>Field of Study</i>	<i>Institution</i>	<i>Year</i>
Year PhD	Electrical and Electronic Engineering	University of Nottingham, UK	2007
M.Sc.	Electrical Engineering	King Abdulaziz University, Jeddah, Saudi Arabia	2002
B.Sc.	Electrical Engineering	King Abdulaziz University, Jeddah, Saudi Arabia	1994

Academic Experience

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title</i>
1994	2002	Jeddah College of Technology	Lecturer	Lecturer at the Electrical Technology Department
2007	2010	Jeddah College of Technology	Assistant Professor	Chairman of the Electrical Technology Department
2011	2014	King Abdulaziz University	Assistant Professor	Vice Dean of Scientific Research for Research Groups
2014	2017	King Abdulaziz University	Associate Professor	Vice Dean of Scientific Research for Research Groups
2018	Now	King Abdulaziz University	Professor	Head of the Center for Renewable Energy and Power Systems

Non-Academic Experience (Including Consultations)

- Director of Center for renewable energy and power systems, King Abdulaziz University
- Director of K. A. CARE Energy Research and Innovation Center, King Abdulaziz University
- Maintenance of solar monitoring and data auditing stations in Saudi Arabia, project manager. Contract between King Abdulaziz University and K.A.CARE

- Investigate Voltage Rise in Central Region Network, project manager. Contract between King Abdulaziz University and SEC

Funded Research Projects and Patents from the Last Five Years

1. Temporal task scheduling in a hybrid system, patent number 10528396, USPTO, USA
2. Compartmentalization Strategy for the Optimal Economic Operation of a Hybrid AC/DC Microgrid
3. Flexible Division and Unification Control Strategies for Resilience Enhancement in Networked Microgrids
4. Single-Phase FLLs Based on Linear Kalman Filter, Limit-Cycle Oscillator, and Complex Bandpass Filter: Analysis and Comparison With a Standard FLL in Grid Applications
5. Unification Scheme for Managing Master Controller Failures in Networked Microgrids

Current Membership in Professional Societies and Organizations

<i>Society/organization</i>	<i>Rank</i>	<i>Since</i>
IEEE, USA	Senior Member	2014
IEEE, USA	Member	2008
Saudi Council of Engineers,	Member	2008

Institutional and Professional Services

Reviewer at the following journals:

1. IEEE Transactions on Smart Grid.
2. IEEE Systems Journal.
3. International Journal of Electrical Power and Energy Systems, Elsevier
4. Electric Power Components and Systems, Taylor & Francis, USA

Principal Publications/Presentations from the Past Five Years

https://scholar.google.com/citations?hl=en&user=jSlvI8YAAAAJ&view_op=list_works&sortby=pubdate

Recent Professional Development Activities (Workshops, Trainings etc.)

1. ACI's Energy Storage 2020, Berlin, Germany
2. The International Conference on Renewable Energies and Power Quality, Salamanca, Spain
3. Eight months Training program in the Total Leader Concepts, presented by Leadership Management International (LMI), USA
4. Project Management Professional (PMP), (40 Hours).
5. Microcontrollers (Principles and Applications)
6. Certified trainer program in E-learning
7. Power transformers; Testing and Maintenance