

Dr Mohammed Nasser Ajour

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

1. Vice Chairman of the Electrical and Computer Engineering Department (ECE) at King Abdulaziz University (KAU)
2. Center of Research Excellence in Renewable Energy and Power Systems, KAU
3. Certified Energy Manager (CEM)

Education

<i>Degree</i>	<i>Field of Study</i>	<i>Institution</i>	<i>Year</i>
PhD:	Electrical Engineering	University of Leicester, UK	2003
B.ENG:	Electrical and Electronics Engineering, University of Leicester, UK		
A-level:	Mathematics, Physics, Further Mathematics, Rumney College, Cardiff, UK		

Academic Experience

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title</i>	<i>Full or Part Time</i>
2011	Present	King Abdulaziz University	Associate	Dr	FT
2003	2011	Philadelphia University	Assistant	Dr	FT
2000	2003	University of Leicester	Teaching Assistant	Mr	FT

Funded Research Projects and Patents For The Last Five Years

1. Microgrid Development System (MGDS) for educational purposes using the controller - hardware- in the- loop (CHIL) approach. Funded by the Ministry of Education (KSA).
2. Distinguished research project funded by KAU

Certifications and Professional Registrations

Certified Energy Manager (CEM), (AEE)

Current Membership in Professional Societies and Organizations

	<i>Society/Organization</i>	<i>Rank</i>	<i>Since</i>
i.	IET	Member	1986
ii.	IEE	Member	2014
iii.	Synchrotron Users Committee	Member	2005
iv.	Jordanian Innovation Society	Member	2006
v.	AEE	Member	2016

Institutional and Professional Services

Organizing the 10th scientific forum at KAU

Principal Publications/Presentations For the Past Five Years

1. Mohammed Ajour, Khaled Daqrouq and Dieter Bimberg, 230 s room-temperature storage time and 1.14 eV hole localization energy in In_{0.5}Ga_{0.5}As quantum dots on a GaAs interlayer in GaP with an ALP, Applied physics letters, 2015.
2. Mohammed Ajour, K.Daqrouq, , A. Balamesh, A. Morfeq, & A.Dobaie, Handwritten Arabic Characters Recognition Based on Wavelet Entropy and Neural Network, British Journal of Applied Science & Technology , 2015
3. Ajour, M, Daqrouq, K; The Learning Motivating Strategy for Engineering Education, Current Journal of Applied Science and Technology, 2(1), 1-10, 2019
4. Ajour, M, Daqrouq, K; The Use of LPC and Wavelet Transform for Influenza Disease Modeling, ENTROPY, Volume: 20, Issue: 8, Article Number: 590, 2018.
5. Ajour, M; Daqrouq, K; Al-Qawasmi, AR; Alkhateeb, A, The Discrete Wavelet Transform Based Electrocardiographic Baseline Wander Reduction Method for Better Signal Diagnosis, JOURNAL OF MEDICAL IMAGING AND HEALTH INFORMATICS, Volume: 8 Issue: 8, Pages: 1590-1597, 2018.
6. Mohammed Alsubaie, Mohammed Ajour, Optimal Combination of Solar Energy and Diesel Fuel in a System Used in Remote Areas, Vol 9, No 6, 1-9, 2018
7. Faisal alanazi, Mohammed N. Ajour, Investigating the Effect of Switching and Tripping on Flashover and Breakdown in Circuit Breaker, Vol 7, No 4, 49-55, 2017.
8. Daqrouq, K; Sweidan, H; Balamesh, A; Ajour, MN, Off-Line Handwritten Signature Recognition by Wavelet Entropy and Neural, ENTROPY, Volume: 19, Issue: 6, Article Number: 252, 2017

Recent Professional Development Activities (Workshops, Trainings etc.)

1. Workshop on Energy Efficiency for one week (AEE)
2. Blackboard Workshop.
3. Creativity and Innovation Workshop.