

DR. MOHAMMED N. AJOUR*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 / Power	University of Leicester, UK	2003
MS	Advanced postgraduate student	University of Leicester, UK	2001
BS	Electrical Engineering	University of Leicester, UK	2000

Academic Experience

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title</i> <i>(Chair, Full or</i> <i>Coordinator, etc.)</i>	<i>Part Time</i> <i>or</i> <i>Full Time</i>
2000	2003	University of Leicester, UK	Tutorial Assistant		Part Time
2004	2011	Philadelphia University, Jordan	Assistant Professor		Full Time
2011	Date	King Abdulaziz University, KSA.	Assistant Professor		Full time

Non Academic Experience (including Consultations)

<i>From</i>	<i>To</i>	<i>Company/Entity</i>	<i>Title</i>	<i>Position</i> <i>(Brief)</i>	<i>Description</i>	<i>Full</i> <i>or</i> <i>Part Time</i>
1990	1997	Bella Pizza	Proprietor			Full Time
2008	2011	NDT Professionals	Engineer			Part time
2008	2011	Invisible Link	Engineer			Part time

Funded Research Projects and Patents from the Past Five Years

1. Novel Nanomaterial Based Unified Memories: Design and Development of Compound Semiconductor Nanoheterostructures with Giant Carrier Localisation Energies Up To 1.1 eV, Funded By KAU, In Collaboration with Institute fuer Festkoerperphysik Sekr, EW 5-2, Berlin
2. Digital Arabic Content Competition Funded By The ESCWA, Lebanon.

Certifications and Professional Registrations**Current Membership in Professional Societies and Organizations**

<i>Society/Organization</i>	<i>Rank</i>	<i>Member Since</i>
1. IET	Member	1986
2. Synchrotron users committee	Member	2005
3. Jordanian Innovation Society	Member	2006

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

1. Member of The Steering and Technical Committees of Jordan Innovation Centre/ Philadelphia University.

2. Manager of Innovation and Research Unit At KAU
3. Chairman of The Social Society At Faculty of Engineering, KAU

Principal Publications/Presentations from the Past Five Years

1. T. Nowozin, A. Wiengarten, L. Bonato, D. Bimberg, Wei-Hsun Lin, Shih-Yen Lin, M. N. Ajour, K. Daqrouq, and A. S. Balamesh, "Electronic Properties and Density of States of Self-Assembled GaSb/GaAs Quantum Dots," Hindawi Journal of Nanotechnology, Volume 2013, Article ID 302647, 2013.
2. T. Nowozin, M. Narodovitch, L. Bonato, and D. Bimberg, M. N. Ajour, K. Daqrouq, and A. S. Balamesh "Room-temperature Hysteresis in a Hole-based Quantum Dot Memory Structure," Journal of Nanotechnology, 2013.
3. T. Nowozin, D. Bimberg, K. Daqrouq, M. N. Ajour, and M. Awedh, "Materials for Future Quantum Dot-Based Memories," Journal of Nanomaterials, Volume 2013, Article ID 215613, 2013.

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

1. ABET Workshop
 2. United Nation Industrial Development Certification for Enterprise Development Program.
 3. United Nation Certificate on Design and Evaluation of Innovation Policy In Developing Countries.
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