

Dr. ADNAN MOHAMMED AFFANDI*Professor, Electrical & Computer Engineering, King Abdulaziz University***Education**

<i>Degree</i>	<i>Field</i>	<i>Institution</i>	<i>Year</i>
Ph. D	Electronic (Electronic & Comm.)	Kent University, Canterbury, England.	1978
M. Sc.	Electronic (Microwave Communications)	Kent University, Canterbury, England.	1982

Academic Experience

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Full or Part Time</i>
1982	1988	King Abdulaziz Univ.	Assoc. Prof.	Full Time
1988	1996	King Abdulaziz Univ.	ECE Dept Chairman	Full Time
1994	Date	King Abdulaziz Univ.	Professor	Full Time

Funded Research Projects

1. "Analysis & Fabrication of a broadband- Six port Coupler".
2. "Study State Analysis of Non Linear Solid State Static Power Converters", Research project supported by KAUST.
3. Fabrication, measurement of T.V. satellite receiver sponsored by KAUST has been successfully completed.
4. Special Grant from King AbdulAziz City for Science and Technology, KACST, Design and optimization of inductive power links for remote powering of biomedical implantable devices, 2014, Running.

Honours and Awards

1. Certificate of Merit from the former Dean of the engineering college for participating and organizing the First Saudi Engineering Conference in 1403.
2. A Letter of Merit from his Excellency Prince Maged Ben Abdul Aziz the Rule of Makkah Al-Mokarama regarding the power cut in power plant in western Province of Saudi Arabia (1990-996).
3. Two Letters from the acquisitions editor at Artech House Inc. regarding publishing two new books in microwave integrated-circuit.
4. Certificate of merit from the deanship of engineering college to the chairman of the electrical & computer department for the best chairman in the college.

Principal Publications/Presentations

1. Adnan Affandi and Othman AL-Rusaini "A Novel Computer Aided Approach to Fiber Optic Communication link Design" Life Science Journal 2015; 12(3). (ISSN:1097-8135).<http://www.lifesciencesite.com>
2. Yasser Gharbi, and Adnan Affandi "Design and Analysis of Linear Taper Directional Couplers" Life Science Journal 2015; 12(4). (ISSN:1097-8135).<http://www.lifesciencesite.com>
3. Adnan Affandi and Yasser Gharbi "Design and Analysis of Exponential Taper Directional Coupler" Life Science Journal 2015; 12(4). (ISSN:1097-8135).<http://www.lifesciencesite.com>
4. Mamdoh Gharbi , Adnan Affandi & Sami Ali "Application of The Moment Method in The Spectral Domain" Life Science Journal 2015; 12(x). (ISSN:1097-8135).<http://www.lifesciencesite.com>
5. Adnan Affandi, Mamdoh Gharbi and Sami Ali "Plane Wave Spectral Integral Representation of the Dyadic Greens Function of Layered Media" Life Science Journal 2015; 12(4).
6. Abdul Muqet Mohammed , Adnan Affandi & Abdullah M. Dobaie "A High Gain Ultra Wideband Microstrip Antenna for EHF Medical Applications " Life Science Journal 2015; 12(6):71-73. (ISSN:1097-8135).<http://www.lifesciencesite.com>
7. M. A. Alamoudi & Adnan Affandi "Simulation of Rayleigh Channel and improve of Channel estimation using Artificial Neural Network " Life Science Journal 2015; 12(6):74-77. (ISSN:1097-8135).<http://www.lifesciencesite.com>
8. Fahd baabdullah, Adnan Affandi & Abdullah M. Dobaie "A Novel Knee Shaped Patch Antenna For Mimo Communications" Life Science Journal 2016; 13(2):74-77. (ISSN:1097-8135).<http://www.lifesciencesite.com>
9. Adnan Affandi , Mubashshir Husain & Saad Mohammed Almajnooni "Analysis of Charge-Coupled Devices Image Sensors with an Overflow Drain Structure" International Journal of Emerging Technology and Advanced Engineering (IJETAEE) (ISSN: 2250-2459). www.ijetae.com , ISO 9001:2008 Certified Journal, Volume 6, Issue 5, May 2016).
10. Adnan Affandi , Abdullah M. Dobaie , Abdullah Saad Alsheri & Mubashshir Husain "Analysis of Variable Dimension Extended Kalman Filter for Maneuvering Target Tracking Systems" International Journal Of Modern Engineering Research (IJMER) (ISSN: 2249-6645). www.ijmer.com | Vol. 6 | Iss. 8 | August 2016 | 60 |
11. Affandi, A., Kasim, N., & Althebiani, T. (2016). Linear Polarized Non Uniform Shaped Patch Antenna. IRA-International Journal of Technology & Engineering (ISSN 24554480), 4(1). doi:<http://dx.doi.org/10.21013/jte.v4.n1.p1>
12. 35. Affandi, A., Kasim, N., & Althebiani, T. (2016). The Effect of a Single and Combined Slot Generated At the Upper and Lower Part of the Rectangular Patch Antenna Performances. IRA-International Journal of Technology & Engineering (ISSN 2455-4480), 4(1). doi:<http://dx.doi.org/10.21013/jte.v4.n1.p>
13. 36. Ahmad Kamal Hasssan & Adnan Affandi "On Modelling and Comparative Study of LMS and RLS Algorithms for Synthesis of MSA " Hindawi Publishing Corporation ,Modelling and Simulation in Engineering .Volume 2016, Article ID 9742483 ,8 pages
14. Mohammed H. AlShehri & Adnan M. Affandi "A 12 Port Dual Bandwidth Exponential Taper Ring Coupler "International Refereed Journal of Engineering and Science (IRJES).) ISSN (Online) 2319-183X, (Print) 2319-1821 , Volume 7, Issue 6 Ver. I (Jun 2018), PP. 41-44 www.irjes.com.
15. Abdullah H. Alhazmi & Adnan Affandi "Ultra-broadband 4x4 and 8x8 Butler Beam Forming Networkson Liquid Crystal Substrate at 51Ghz "International Refereed Journal of Engineering and Science (IRJES).) ISSN (Online) 2319-183X, (Print) 2319-1821 , Volume 7, Issue 6 Ver. I (Jun 2018), PP. 45-62 www.irjes.com.