

**Dr. Abdullah M. Dobaie***Associate 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>
Ph.D. ECE (Elec & Comm.)	Digital signal and image processing, Radar signal processing	Colorado State University (CSU)	1995
MS ECE (Elec & Comm.)	Spread Spectrum Techniques	King Abdulaziz Univ (KAU)	1989
BS ECE (Elec & Comm.)	Elec. & Commu.	King Abdulaziz Univ (KAU)	1981

**Academic Experience**

<i>From To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title</i>	<i>Full or Part Time</i>
1981 - 1995	KAU	Graduate Assistant	GA	Full Time
1995 – 2016	KAU	Assistant Professor		Full Time
2016 – up to date	KAU	Associate Professor		Full Time

**Non-Academic Experience (Including Consultations)**

- 2013 – 2018 Head Department of Electrical and Computer Engineering
- 2007 – 2013 Vice Dean, Development and Total Quality [Faculty of Engineering](#)
- 2005 – 2007 Vice Dean of Student Affairs for Housing and Food.
- 2003 – 2005 Vice Dean of Community Service and Continuing Education for community service.
- 2000 – 2003 Director of Academic Affairs at Deanship of Community Service and Continuing Education in KAAU.
- 1997 – 2000 Supervisor of Islamic Committee in the [Faculty of Engineering](#).

**Funded Research Projects and Patents From The Last Five Years****Certifications and Professional Registrations****Current Membership in Professional Societies and Organizations****Honors and Awards****Institutional and Professional Services**

- 2007 – 2013 Vice Dean, Development and Total Quality [Faculty of Engineering](#)
- 2005 – 2007 Vice Dean of Student Affairs for Housing and Food.
- 2003 – 2005 Vice Dean of Community Service and Continuing Education for community service.
- 2000 – 2003 Director of Academic Affairs at Deanship of Community Service and Continuing Education in KAAU.
- 2000 – 2004 Chief of General Islamic Committee at KAU.
- 1997 – 2000 Supervisor of Islamic Committee in the [Faculty of Engineering](#).

## Principal Publications/Presentations from the Past Five Years

- 1) Abdu Muqet Mohammed, Adnan Affandi, **Abdullah M. Dobaie**, “A High Gain Ultra Wideband Microstrip Antenna for EHF Medical Applications”, *Life science Journal* 2015;10(x).
- 2) Abdul Muqet Mohammed, Adnan Affandi and **Abdullah M. Dobaie**, “An Inverted Bowtie Type Patch Antenna for Multiple Applications”, *International Refereed Journal of Engineering and Science (IRJES) ISSN (Online) 2319-183X, (Print) 2319-1821 Volume 4, Issue 5 (May 2015), PP.41-46.*
- 3) K. Daqrouq, M. N. Ajour, A. Alkhateeb, A. Morfeq, **A. Dobaie**, M. Badarin and A. Rihawe “Handwritten Arabic Characters Recognition Based on Wavelet Entropy and Neural Network”, *British Journal of Applied Science & Technology* 9(5): XX-XX, 2015, Article no.BJAST.2015. 285
- 4) D. Wang, B. Shen, Zidong Wang, F. E. Alsaadi and **A. M. Dobaie**, “Robust reliable  $H_\infty$  control for uncertain stochastic spatial-temporal systems: The output feedback case”, *Journal of The Franklin Institute, (ISSN 0016-0032) Vol. 352, No. 6, June 2015, pp. 2280-2296.*
- 5) S. Zhang, Z. Wang, D. Ding, H. Shu, T. Hayat and **A. M. Dobaie**, “On design of fault detection filter in finite frequency domain with regional pole assignment”, *IEEE Transactions on Circuits and Systems - Part II, Vol. 62, No. 4, April 2015, pp. 382-386.*
- 6) D. Li, S. Kar, F. Alsaadi, **A. M. Dobaie**, and S. Cui, “Distributed Kalman Filtering with Quantized Sensing State”, *IEEE Transactions on Signal Processing, accepted for publication*
- 7) D. Li, S. Kar, F. Alsaadi, **A. M. Dobaie**, and S. Cui, “Distributed Kalman Filtering with Quantized Sensing State”, *IEEE Transactions on Signal Processing, accepted for publication, 2015.*
- 8) F. M. Abbasi, T. Hayat, Fuad Alsaadi, **Abdullah M. Dobaie**, and Huijun Gao, “MHD peristaltic transport of spherical and cylindrical magneto-nanoparticles suspended in water”, *AIP ADVANCES* 5, 077104 (2015).
- 9) Adnan M. Affandi , **Abdullah M Dobaie**, Navin Kasim, Nawaf A. Al-Zahrani, “A Multi-Bands Circular Polarized of Series Triangular Microstrip Patch Antenna Array”, *Journal Electronic Systems Volume 4 Number 4 December 2014.*
- 10) Adnan Affandi, **Abdullah M. Dobaie** and Mubashshir Husain, “Digital Filters Design using Matlab with Graphical User Interface (GUI)”, *Life Science Journal* 2014;11(5).
- 11) Falih M. Alnahwi, Ali. H. Morfeq, **Abdullah M. Dobaie** and Naz E. Islam, “Ultra Wideband Indoor Antenna for Medical Devices with Minimized Interference from Wireless Local Area Network”, *Life Science Journal* 2014; 11(9).
- 12) Hayat T., Qayyum A., Alsaadi F., Awais M., and **Dobaie A.M.**, “Thermal radiation effects in squeezing flow of a Jeffery fluid”, *Eur. Phys. J. Plus, vol. 128, no. 85, 2013*
- 13) Adnan Affandi, **Abdullah Dobaie**, Mubashshir Husain, "**WAP- Mobile Personal Assistant Application**", *International Journal of Modern Engineering Research (IJMER) www.ijmer.com Vol. 3, Issue. 4, Jul - Aug. 2013.*
- 14) Dong Wang, Bo Shen , Zidong Wang, Fuad Eid Alsaadi, **Abdullah M. Dobaie**, “Reliable  $H_\infty$  filtering for stochastic spatial-temporal systems with sensor saturations and failures”, *IET Control Theory Appl.*, 2015, Vol. 9, Iss. 17, pp. 2590–2597.

## Recent Professional Development Activities (Workshops, Trainings etc.)