Dr. Abdulhameed Alkhateeb
Assistant Professor, Department of Electrical and Computer Engineering, King Abdulaziz University

Education

Degree	Field of Study	Institution	Year
Ph.D.	Biomedical Engineering	Pennsylvania State University	1997
MS	Biomedical Engineering	The University of Michigan	1992
BS	Electronics & Communication	King Abdulaziz University	1997

Academic Experience

From	To	Institution	Rank	Title	Full or Part Time
1998	Present	King Abdulaziz University		Assistant Professor	Full Time

Non-Academic Experience *(Including Consultations)*

- *Founder and first president of SSSBE (Saudi Scientific Society for Biomedical Engineering)*
- *Director of Biomedical Engineering, Bagedo & Dr. Erfan General Hospital*
- *Director of Biomedical Engineering, International Medical Center*
- *Chief Technology Officer, King Abdulaziz University Hospital*
- *Chief Technology Officer, International Medical Center*
- *Committee Member, Makkah Region Healthcare Board*
- *Founder and CEO, TIME (Technology Implementation & Management Experts) Consulting Expert Office*

Funded Research Projects and Patents From The Last Five Years

1. Daqrouq, Khaled; Ajour, Mohammad; Al-Qawasmi, Abdel-Rahman; Alkhateeb, Abdulhameed (2018). The Discrete Wavelet Transform Based Electrocardiographic Baseline Wander Reduction Method for Better Signal Diagnosis. Journal of Medical Imaging and Health Informatics 8(8):1590-1597. DOI: https://doi.org/10.1166/jmihi.2018.2518
2. Daqrouq, K., Ajour, M., Alkhateeb, A., Morfeq, A., Dobaie, A., Badarin, M., & Rihawe, A. (2015). Handwritten Arabic Characters Recognition Based on Wavelet Entropy and Neural Network. British Journal of Applied Science & Technology, 9, 464–474. https://doi.org/10.9734/bjast/2015/15512
3. Daqrouq, K., Alkhateeb, A., Ajour, M. N., & Morfeq, A. (2014). Neural network and wavelet average framing percentage energy for atrial fibrillation classification. Computer Methods and Programs in Biomedicine, 113, 919–926. https://doi.org/10.1016/j.cmpb.2013.12.002
4. Daqrouq, Khaled, Morfeq, A., Ajour, M., & Alkhateeb, A. (2013). Wavelet LPC With Neural Network for Speaker Identification System, 9(4), 11.

Certifications and Professional Registrations

Current Membership in Professional Societies and Organizations

	Society/Organization	Rank	Since
i.	SSSBE	Member	2003
ii.	IEEE	Member	1995

Honors and Awards

King Abdulaziz University Hospital Appreciation Award

Institutional and Professional Services

Founder and CEO of TIME Expert house (**T**echnology **I**mplementation and **M**anagement **E**xperts)

Principal Publications/Presentations from the Past Five Years

1. Daqrouq, K., Alkhateeb, A., Balamesh, A., Ajour, M. N., Aladar, L., & Alghamdi, A. (2019). The Effect of 'Why'Statement on Decreasing the Resistance in Engineering Education. Asian Journal of Education and Social Studies, 1-7.
2. A. F. Alkhateeb, J. M. AlAmri and M. A. Hussain, "Healthcare Facility Variables Important to Biomedical Staffing in Line with 2030 Saudi Vision," 2019 Industrial & Systems Engineering Conference (ISEC), Jeddah, Saudi Arabia, 2019, pp. 1-6.doi: 10.1109/IASEC.2019.8686616
3. A. F. Alkhateeb, F. A. Sahhari and M. A. Hussain, "A Pilot Study of Biomedical Engineering Shared Service for Hospitals in Madinah Munawwarah," 2019 Industrial & Systems Engineering Conference (ISEC), Jeddah, Saudi Arabia, 2019, pp. 1-6. doi: 10.1109/IASEC.2019.8686587
4. Daqrouq, K., Chen, S., Khalaf, E., Morfeqa, A., Sheikha, M., Qatawneh, A., & AL-Khatee, A. (2019). Wavelet entropy based probabilistic neural network for classification. Current Journal of Applied Science and Technology, 35(5), 1-7.
5. Alkhateeb, A. F., and E. Koshak. "Commonest foods associated with IgG antibodies in Saudi Arabia" ALLERGY. Vol. 73. 111 RIVER ST, HOBOKEN 07030-5774, NJ USA: WILEY, 2018.
6. Silva, R., Alkhateeb, A., & Gaumond, R. (2006). Medical Device Acquisition. https://doi.org/10.1002/9780471740360.ebs0736
7. Karagozoglu, B., Al-Othmany, N. S., Hussain, M. A., & Al-Khateeb, A. F. (2011, February). A novel graduate program in Biomedical engineering at King Abdulaziz University to meet the local needs. In Biomedical Engineering (MECBME), 2011 1st Middle East Conference on (pp. 363-366). IEEE.

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

1. Book Authoring and Translation workshop, KAU Personal Strategic Planning Center, 2019.
2. Nutrition and Health Workshop, KAU Personal Strategic Planning Center, 2019.
3. Personal Finance Planning Workshop, KAU Personal Strategic Planning Center, 2019.
4. Japanese Culture Workshop, KAU Personal Strategic Planning Center, 2019.
5. Safety and Professional Health Workshop, KAU Personal Strategic Planning Center, 2019.
6. Emergency Medicine Workshop, KAU Personal Strategic Planning Center, 2019.
7. Pioneering Knowledge Based Economy Workshop, KAU Personal Strategic Planning Center, 2019.
8. Patents Preparation Workshop, KAU Personal Strategic Planning Center, 2019.
9. NEOM Projects Feasibility Study Workshop, KAU Personal Strategic Planning Center, 2019.
10. Academic Promotion Workshop, KAU Personal Strategic Planning Center, 2019.
11. Scientific Research Basics Workshop, KAU Personal Strategic Planning Center, 2019.
12. How to Develop Innovative Ideas Workshop, KAU Personal Strategic Planning Center, 2019.
13. Scientific Drawings for Articles and Patents Workshop, KAU Personal Strategic Planning Center, 2019.