



SHAYKHAH ABDULAZIZ K. ALMAGHRABI

TEACHING ASSISTANT

Personal Data

Nationality | Saudi

Department | Biomedical Engineering

Official IAU Email | saalmaghrabi@iau.edu.sa

Language Proficiency

Language	Read	Write	Speak
Arabic	Fluent	Fluent	Fluent
English	Fluent	Fluent	Fluent

Academic Qualifications

Date	Academic Degree	Place of Issue	Address
2022	Master of Philosophy in Biomedical Engineering	University of Adelaide	South Australia, Australia
2017	Bachelor of Science in Biomedical Engineering	Imam Abdulrahman Bin Faisal University	Eastern Province, Saudi Arabia

Master Research Title

Master	Biomedical Signal Processing for Bioacoustic Features Extraction and Reproducibility Evaluation.
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Professional Record

Job Rank	Place and Address of Work	Date
Teaching Assistant	Imam Abdulrahman Bin Faisal University, Dammam, Saudi Arabia	2018- present

Teaching Activities - Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of labs)
1	Electrical Circuit.	ENG 331	11 Labs
2	Biomedical Electronics and Measurement.	BIOEN 431	11 Labs
3	Biomedical Digital Signal Processing.	BIOEN 513	11 Labs



Published Journal Papers

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	S. A. Almaghrabi <i>et al.</i> ,	The Reproducibility of Bio-Acoustic Features is Associated With Sample Duration, Speech Task, and Gender	IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2022
2	Aldaais, Ebtisam A., Shaykhah A. Almaghrabi , and Meernah M. Alabdullah	Mono or Dual-Ligand Nanoparticles: Theoretical Study	Industrial Chemistry, 2020.

Scientific Conferences and Forums

#	Details
1	Poster, The First IEEE GCC SYP Congress, Manama, Kingdom of Bahrain, May 7-8, 2017.
2	Research Presentation, Third Undergraduate Research Forum (RTC), Prince Sultan University, Riyadh, Saudi Arabia, February 21, 2017, Research Presentation Contribution.
3	Scientific Research, The Seventh Student Scientific Conference, Imam Abdulrahman Bin Faisal University, Dammam, Eastern Province, Saudi Arabia, May 1-2, 2016.
4	Scientific Research, The Fourth Student Scientific Conference, Imam Abdulrahman Bin Faisal University, Dammam, Eastern Province, Saudi Arabia, February 5-6, 2015.
5	7th Saudi Conference on Medical Physics, Novotel Hotel, Dammam, Eastern Province, Saudi Arabia, November 12-14, 2013.
6	Scientific Research, National Olympiad of the Scientific Creativity, Riyadh, Saudi Arabia, March 16-21, 2012.
7	Scientific Research, National Olympiad of the Scientific Creativity, Dhahran, Eastern Province, Saudi Arabia, March 23-27, 2011.

Prizes and Awards

#	Prizes and Awards Details
1	Research Medals for outstanding research at Master's level 2022 , University of Adelaide, South Australia, Australia, March 2023.
2	Dean's Commendation for Master by Research Thesis Excellence , Dean of Graduate Studies, University of Adelaide, South Australia, Australia, March 2022.
3	Outstanding Student Award , Annual Students' Awards Ceremony, Imam Abdulrahman Bin Faisal University, 2015-2016.
4	College's Dorah Award for effective activities inside and outside the university with a high GPA, University Dorah Ceremony, Imam Abdulrahman Bin Faisal University, 2014-2015.
5	The Best Scientific Research Methodology Award , Sheikha Fadia Al Saad Al-Sabah Scientific Competition, Kuwait, 2011



Personal Key Competencies and Skills

1	Computer Skills: <ul style="list-style-type: none">a. Operating System: Microsoft Windows and Linux.b. Programming Language: MATLAB, Python, LaTeX, C++ , and LabVIEW.c. Circuit Design Software: Multisim and Ultiboard.
2	Machine and Deep learning algorithms and Natural Language Processing.
3	Design: 3D printer, Laser Cutter, and CNC.

Last Update

April 13, 2023