



# HIND AL-YAHYA

Teaching Assistant

## Personal Data

Nationality | Saudi

Department | Biomedical Engineering

Official IAU Email | [hsaalyahya@iau.edu.sa](mailto:hsaalyahya@iau.edu.sa)

## Academic Qualifications

Date	Academic Degree	Place of Issue	Address
Aug. 20, 2021	M.S. in Biomedical Engineering	University of Michigan-Ann Arbor (UM)	Michigan, United States
May 27, 2018	B.S. in Biomedical Engineering	Imam Abdulrahman Bin Faisal University (IAU)	Dammam, Saudi Arabia

## Master's Thesis Title

Master's Thesis	Magnetoelastic Monitoring System for Peripheral Artery Stents
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## Professional Record

Job Rank	Place and Address of Work	Date
Teaching Assistant	Imam Abdulrahman Bin Faisal University Dammam, Saudi Arabia	Sept. 2018 – Present
Trainee	King Faisal Specialist Hospital & Research Centre Riyadh, Saudi Arabia	July 2017 – Aug. 2017

## Awards and Honors

- Honorable Mention Award, 2021 Engineering Research Symposium, University of Michigan-Ann Arbor. Feb. 2021.
- Outstanding undergraduate student, Annual Student Awards Ceremony, IAU. 2014 – 2018.

## Scientific Achievements

### Contribution to scientific conferences and symposia

#	Conference title	Place and Date of the conference	Extent of Contribution
1	2021 Engineering Research Symposium, UM	Michigan, United States Feb. 2021	Poster contribution
2	SFDA Annual Conference	Riyadh, Saudi Arabia Sept. 2018	Poster contribution
3	International Conference on Radiation Medicine	Riyadh, Saudi Arabia Feb. 2018	Poster contribution



### Membership of Scientific and Professional Societies and Organizations

1. Member, Institute of Electrical and Electronics Engineers (IEEE).
2. Member, American Society for Engineering Education (ASEE).
3. Member, Saudi Council of Engineers.
4. Member, Saudi Scientific Society for Biomedical Engineering (SSSBE).

### Teaching Activities

#### Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials, or labs, ..)
1	Control Systems in BME	BIOEN 541	14 labs
2	Biomedical Instrumentation Design	BIOEN 432	11 Labs
3	Biomaterials	BIOEN 421	4 labs
4	Electronic Devices and Circuits	ENG 322	11 labs
5	Medical Image Processing & Communication	BIOEN 563	7 labs

### Administrative Responsibilities, Committee and Community Service

#### Committee Membership

#	From	To	Position	Organization
1	Sep. 2022	Present	Head of Labs & Safety committee member	Biomedical Engineering Department, College of Engineering, IAU
2	Sep. 2022	Present	Member of College Labs & Safety Committee	College of Engineering, IAU
3	Sep. 2022	Present	Member of Quality & Accreditation Committee	Biomedical Engineering Department, College of Engineering, IAU
1	Oct. 2018	May 2019	Labs & Safety committee member	Biomedical Engineering Department, College of Engineering, IAU

### Language Proficiency

Arabic (Mother tongue)
English

### Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

Microsoft office
MATLAB
R (programming language)
LabVIEW
COMSOL
Computer simulation technology (CST MWS)
3D printing

### Last Update

April 2023