

# Bushra Mustafa Mohammad Melhem

Lecturer

## Personal Data

Nationality | Jordanian

Date of Birth | 22 May 1987

Department | Biomedical Engineering Department

Official UoD Email | [bmmulhem@iau.edu.sa](mailto:bmmulhem@iau.edu.sa)

Office Phone No. |

## Language Proficiency

Language	Read	Write	Speak
Arabic	Mother tongue	Mother tongue	Mother tongue
English	Excellent	Excellent	Excellent

## Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2014	Master	Jordan University of Science and Technology	Irbid, Jordan
2010	Bachelor	Jordan University of Science and Technology	Irbid, Jordan

## PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

PhD	
Master	Wireless Body Area Network with Reduced Power Consumption and Improved Reliability
Fellowship	

## Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work			Date
Lecturer	Imam Abdulrahman bin faisal university	Dammam	KSA	February 2016-Present
Teacher Assistant	Jordan University of Science and Technology	Irbid	Jordan	February 2012-January 2014

### Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Date
Member, College ABET Oversight Committee,	2016-2018.
Member- College of Engineering Academic Committee	May 2017- present
Member, Biomedical Engineering Advising committee	2017-Present.
Member- Lab and Safety Committee	2017-Present
Member, Biomedical Engineering Department Academic Committee	2017-Present.

### Scientific Achievements

#### Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication

#### Refereed Scientific Research Papers Accepted for Publication

#	Name of Investigator(s)	Research Title	Journal	Acceptance Date

#### Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date

#### Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date
	Bushra Melhem	Wireless Body Area Network with Reduced Power Consumption and Improved Reliability	2014

#### Current Researches

#	Research Title	Name of Investigator(s)

#### Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	Communication Skills	University of Dammam , March 2016	Attend
2	Riding the Wave to Global Connectivity & Creativity	The 9th Jordanian International Electrical and Electronics Engineering Conference, (JIEEEEC 2013), Jordan.	Attend
3	Summer School in Very Small Scale Integration Systems ( Nanotechnology)	Jordan, 2012	Attend

#### Membership of Scientific and Professional Societies and Organizations

- Senior Member, Jordan Engineers Association

#### Teaching Activities

##### Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Summer Training I	BIOEN 333	4
2	Introduction to Engineering	Eng 251	1 (2 hours)
3	Signals & Systems in BME	BIOEN 461	3 ( 2 lectures 2 Tutorial)
4	Biomedical Digital Signal Processing	BIOEN 513	3 (2 lectures 2 Tutorial)
5	Senior Design Project I	BIOEN 531	3
6	Senior Design Project II	BIOEN 532	4
7	Advanced Computer Programming	COMP 361	2 (1 lecture 2 lab)
8	Computer Programming	COMP 212	2 (1 lecture 2 lab)
9	Electronics Devices	ENG 322	3 (2 lectures 2 lab)

#### Brief Description of Undergraduate Courses Taught: (Course Title – Code: Description)

1	
2	

##### Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)

#### Brief Description of Postgraduate Courses Taught: (Course Title – Code: Description)

1	
---	--

### Course Coordination

#	Course Title and Code	Coordination	Co-coordination	Undergrad.	Postgrad.	From	to
	Advanced Computer Programming COMP 361	√		√		2021	2022

### Guest/Invited Lectures for Undergraduate Students

#	Activity/Course Title and Code	Subject	College and University or Program	Date

### Student Academic Supervision and Mentoring

#	Level	Number of Students	From	to
	14	14	2020	Now

### Supervision of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date

### Ongoing Research Supervision

#	Degree Type	Title	Institution	Date

### Administrative Responsibilities, Committee and Community Service (Beginning with the most recent)

#### Administrative Responsibilities

#	From	To	Position	Organization
1	May /2016	February /2017	Supervisor	Nonacademic Activities
2	October/2016	May/2017	Co-Supervisor	Durrah
3	October/2016	September /2017	Secretary	Department meeting minutes
4	June/2017	Present	Registrar	Academic Affairs

### Committee Membership

#	From	To	Position	Organization
	April /2016	Present	Member	ABET Committe

### Scientific Consultations

#	From	To	Institute	Full-time or Part-time

### Volunteer Work

#	From	To	Type of Volunteer	Organization

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

1	High qualification In using computer and programming
2	

---

### Last Update

19/1/2022