



## FACULTY FULL NAME: Dana Mohammed Alsaleh

POSITION: Assistant Professor

### Personal Data

Nationality | Saudi

Date of Birth | 30-5-1402

Department | Applied Mathematics-Mathematical biology

Official UoD Email | dalsaleh@iau.edu.sa

Office Phone No. | 0506839636

### Language Proficiency

Language	Read	Write	Speak
Arabic	good	good	good
English	good	good	good
Others			

### Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
19-04- 2017	Doctor of Philosophy	University of Manchester	Manchester M13 9PL-UK United kingdom
2008	Master	Imam Abdul Rahman bin Faisal University	Dammam Saudi Arabia
2004	Bachelor		Dammam Saudi Arabia

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

<b>PhD</b>	Bifurcations in a model of Per1 neurons
<b>Master</b>	Liapunov stability analysis of rotor-bearing system



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

Job Rank	Place and Address of Work	Date
Assistant Professor	Imam Abdulrahman bin Faisal university	6-12-2017
Lecturer		17-3-2009
Teaching assistant		21-6-2014

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

Administrative Position	Office	Date
Vice Dean of Training Affairs	Vice deanship of Training Affairs	3-11-2018 until 10-10-2022
Market Labour the of Director Unit Harmonization	Programs and Plans Study of Department	22-9-2023 until now

### Scientific Achievements

#### Refereed Scientific Research Papers Accepted for Publication

#	Name of Investigator(s)	Research Title	Journal	Acceptance Date
1	DANA ALSLALEH REEM ALOMAIR SAMIA ZAKI MAHMOUD ABDELRAHMAN	Fundamental solutions for the conformable time fractional Phi-4 and space -time fractional simplified MCH equations	AIMS MATHEMATICS	9-4-2021
2	DANA ALSLALEH REEM ALOMAIR SAMIA ZAKI MAHMOUD ABDELRAHMAN	The New Wave Structures to the Fractional Ion Sound and Langmuir Waves Equation in Plasma Physics	Fractal and Fractional	
3	DANA ALSLALEH REEM ALOMAIR	Some new chiral and perturbed chiral solitary	Journal of Algorithms & Computational Technology	27-8-2023



SAMIA ZAKI MAHMOUD ABDELRAHMAN	waves in quantum Hall effect		
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### Current Researches

#	Research Title	Name of Investigator(s)
1	Mathematical Model of Glioma and Chemotherapy	DUA ALAHMDI SARA ALSHEIK HALA ASHI DANA ALSALEH
2	The new structures of stochastic solutions for the nonlinear Schrödinger's equations	DANA ALSLALEH REEM ALOMAIR SAMIA ZAKI MAHMOUD ABDELRAHMAN

### Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	Bio-dynamics conference	Bristol UK (11-9-2013 – 12-9-2013)	Attendance
2	Saudi conference	Edinburgh-UK 1/2-2-2014	Poster
3	Annual Manchester SIAM student chapter conference University of	Manchester -UK (2-5-2014)	Attendance
4	Bio-dynamics conference	Exeter-UK 23/24-6-2014	Poster
5	Saudi conference	Birmingham-UK (31-1-2015 - 1-2-2015)	poster
6	Saudi conference	London-UK (13-2-2016 - 14-2-2016)	poster
7	19th international conference on mathematics and computational science	Dubai 25-56/12/2017	attend
8	First international conference of math and its application	King Khalid University ,Abha 26-27/3/2018	attend



9	Bio-dynamics 2018	London-UK 12-13/4/2018	poster
10	Women in math	King Abdulaziz University, Jeddah 4/10/2018	Talk
11	Fractional Models in Science And Engineering	KFUPM 16-12-2019	attend
12	A short course on Data Driven models And Machine Learning	KFUPM 17-12-2019	attend
13	Partial differential equations and applications	KFUPM 24-12-2019	attend
14	Third International Conference on Mathematics and Statistics	American University of Sharjah 6 – 8/2/ 2020	attend
15	First conference of heads and supervisors of academic departments	King Abdulaziz University, 11-12 /4/2020	attend
16	International webinar on science, sustainable developments in KSA	IAU Science college 6-7 /4/2021	attend
17	SICMS 23 <SICMS23@sharjah.ac.ae>	University of Sharjah	participate
18	The international conference on fractional differentiation and its applications ICFD'23	Ajman university 14-16/3/2023	attend

## Teaching Activities

### Undergraduate

#	Course/Rotation Title	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Calculus1	Tutorials- lectures
2	CalculusII	Tutorials- lectures
3	CalculusIII	Tutorials- lectures
4	Statistics	Tutorials
5	Geometry	Tutorials
6	Special function	Tutorials
7	Dynamics	Tutorials
8	Complex analysis	Tutorials
9	Partial differential equation	Tutorials- lectures



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

1	computer
2	programming

### Workshops

#	Workshops Title	Place and Date of the Conference
1	Introduction to research essential	5-10-2012 University of Manchester
2	How to work with your supervisor	13-2-2013 University of Manchester
3	Academic writing	28-5-2013 University of Manchester
4	Avoiding information overload	17-7-2013 University of Manchester
5	Searching the literature with Scopus	13-6-2013 University of Manchester
6	Wiley publishing workshop	17-7-2013 University of Manchester
7	Successful searching	6-8-2013 University of Manchester
8	Strategies for successful language learning	29-10-2013 University of Manchester
9	Beginners reference management with endnote	6-12-2013 University of Manchester
10	Optimizing research poster	9-1-2014 University of Manchester
11	Programming in Matlab	13-2-2014 University of Manchester
12	Academic writing in English: Medical and Health sciences	21-7-2014 University of Manchester
13	Viva survivor	15-12-2016 University of Manchester
14	Mentorship Program\Academic leadership center \ministry of education	23/10/2017 -24/4/2018 Coral Hotel \ Alkohbar
16	Developing core competencies in teaching and learning for faculty member	2- 6/9/2018 Deanship of Academic development IAU
17	Developing a Plan for Program Assessment	2/10/2018



		Deanship of Academic development IAU
18	The first meeting of academic leaders in Saudi universities	5-6 /2/2020 IAU
19	Making and sharing your leadership story	٥ /2/2020 IAU
20	The art of authentic leadership	٥ /2/020 IAU
21	What if it's the last lecture?	25 /2/2020 Deanship of Academic development IAU
22	Performance indicators	13 /11/2019 IAU
23	How to use Scival	1/3/2021 IAU
24	Workshop on program accreditation	15/2/2021 IAU
25	Innovative Leadership	١٨-١٩ /١/20٢٢ IAU
26	Strategic Leadership	23 /3/20٢٢ IAU
27	bin Abdulrahman Imam of repository digital the Using theses scientific and research access to University Faisal	10-2-2022 IAU
28	The role of the leader in activating design thinking	3-4/1/2023

## Last Update

.....22 /2...../2024

