FACULTY FULL NAME: Maram Alwohaibi

POSITION: Assistant Professor

Personal Data

Nationality | Saudi

Date of Birth | 10/8/1983

Department | Mathematics

Official UoD Email | malwohaibi@iau.edu.sa

Office Phone No. | 0133337457

Language Proficiency

Language	Read	Write	Speak
Arabic	*	*	*
English	*	*	*
Others			

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
8/6/2018	PhD	UK	
6/11/2010	Master	KSA	
12/6/2005	Bachelor	KSA	

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

PhD	Modeling the risk of underfunding in ALM models
Master	New Measurements of Effectiveness in Waiting Lines with Applications
Fellowship	Senior Fellow (SFHEA)

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work	Date
Assistant Professor	College of Science	1440/4/5
Lecturer	College of Science	19/3/1432

Teaching Assistant	College of Science	1429/9/17

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
Administrative	Administrative of the strategic planning unit in the College of Science	Since 25/12/1440

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
1	Maram Alwohaibi and Diana Roman	ALM models based on Second Order Stochastic Dominance	Computational Management Science - June 2018, Volume 15, Issue 2, pp 187–211
2	Yousry H. Abdelkader and Maram Al-Wohaibi	Computing the Performance Measures in Queueing Models via the Method of Order Statistics	Journal of Applied Mathematics Volume 2011, Article ID 790253, 12 pages
3	P Birkle, M Zouch, M Alzaqebah, M Alwohaibi	Machine Learning-based Approach for Automated Identification of Produced Water Types from Conventional and Unconventional Reservoirs	Petroleum Geostatistics 2019 2019 (1), 1-5
4	Malek Alzaqebah, Sana Jawarneh, Maram Alwohaibi, Mutasem K Alsmadi, Ibrahim Almarashdeh, Rami Mustafa A Mohammad	Hybrid Brain-Storm Optimization algorithm and Late Acceptance Hill Climbing to solve the Flexible Job-Shop Scheduling Problem	Journal of King Saud University-Computer and Information Sciences-2020/9/12
5	Maram Alwohaibi, Malek Alzaqebah, Noura M. Alotaibi , Abeer M. Alzahrani, Mariem Zouch	A hybrid multi-stage learning technique based on brainstorming optimization algorithm for breast cancer recurrence prediction	Journal of King Saud University-Computer and Information Sciences 34 (8: 5192-5203) - 2022

6	Maram Alwohaibi, Diana Rom, and Alina Peluso	Scenario Generation for Asset and Liability Management Models Applied to a Saudi Arabian Pension Fund	Journal of Financial Risk Management 11 (2), 277-295 - 2022

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
1	Maram Alwohaibi Malek Fehadi Noura Alotaibi Abeer Alzahrani	Artificial Intelligence Framework for Breast Cancer Recurrence Prediction, Diagnosis and Therapy Plan Optimization.; Alwohaibi, Maram - Department of Mathematics	2019-2021
2	Malek Fehadi Almarashdeh, Ibrahim Maram Alwohaibi Noha Almulla Alsmadi, Mutasem Jawarneh, Sana	Automatic framework based on Arabic sentiment analysis for harmful events detection in social media	2020-2022

Current Researches

#	Research Title	Name of Investigator(s)
1	Improved Topic Modeling Method for Arabic Short Text based on Dirichlet Multinomial Mixture and Levenshtein distance algorithm	Mutasem Alsmadi, Maram Alwohaibi, Malik Fehadi, Noha Almulla, Nouf Alshehab
2	MIXED FRACTIONAL BROWNIAN MOTION TIME-CHANGED BY GAMMA AND TEMPERED STABLE PROCESS	Ezzedine Mliki, Maram Alwohaibi, Shaykhah Alajmi

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	International Webinar on Science, Sustainable Development and Ecosystems in Saudi Arabia 2021	College of Science- Saudi Arabia	Article

Membership of Scientific and Professional Societies and Organizations

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Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Calculus I		Teaching (Both Lectures and Labs)
2	Calculus II		Assist teaching (Lab sessions)
3	Calculus III		Assist teaching (Lab sessions)
4	Introduction to Statistics and Probability		Assist teaching (Lab sessions)
5	Probability Theory		Assist teaching (Lab sessions)
6	Probability I		Teaching (Both Lectures and Labs)
7	Applied Statistics		Teaching (Both Lectures and Labs)
8	Operational Research		Teaching (Both Lectures and Labs)
9	General Math		Assist teaching (Lab sessions)
10	Mathematics Principles		Assist teaching (Lab sessions)
11	Sets Theory		Assist teaching (Lab sessions)
12	Analytical Geometry and Vectors		Assist teaching (Lab sessions)
13	Supervising Graduation Projects		Supervising

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

Postgraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	-		

2			

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

1	
2	

Course Coordination

#	Course Title and Code	Coordination	Co-coordination	Undergrad.	Postgrad.	From	To
1	Applied Statistics	*		*			
2	Operation Research	*		*			

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
	Bachelor	12		

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
	25/12/1440	Ongoing	Administrator of the strategic planning unit	College of Science IAU

Committee Membership

#	From	To	Position	Organization
1		Ongoing	Head	Strategic Planning Committee in Mathematics Department
2		Ongoing	Vice-Head	Curriculum development Committee in Mathematics Department
3		Ongoing	Member	Statistics Program development committee
4		Ongoing	Member	Academic Supervision
5		Ongoing	Member	Equivalence committee

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	Computer
2	

Last Update

31/8/22