



FACULTY FULL NAME: Reem Abdalaziz Alomair

POSITION

Assistant Professor

Personal Data

Nationality : Saudi

Date of Birth : 8/9/1981

Department : Mathmateics

Official IAU Email : ralomair@iau.edu.sa

Office Phone Number: 0 1 3 - 3 3 38624

Language Proficiency

Language	Read	Write	Speak
Arabic	Excellent	Excellent	Excellent
English	Very Good	Very Good	Very Good

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
11/7/2016	PhD	University of Manchester	University of Manchester , Oxford road M14 9PL, UK
2/1/2009	MSc	King Faisal University	King Faisal University Alahsa 31982 KSA
22/6/2003	Bachelor	University of Dammam	University of Dammam Dammam34212 KSA

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

PhD	Periodic orbits in some classes of Hamiltonian systems with symmetry
MSc	Differential inclusion with nonlocal conditions



Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work	Date
Assistant Professor	College of Science, Dammam, IAU	21/2/1438-
Lecturer	College of Science and Humanities, Jubail, IAU	10/1/1431
Assistant teacher	College of Science and Humanities, Jubail, IAU	29/3/1425

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
Vice Dean of Training Affairs	Office No. 92, College of Science and Humanities in Jubail	16/1/2022 - 9/2022
Chairman of the Mathematics Department	Office No. 16, College of Science and Humanities in Jubail	17/4/2018 - 15/1/2022

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	Abdelrahman MAE , Hassan S. Z. , Alomair R. , Alsaleh D. M.	A new structure of solutions to the coupled nonlinear Maccari's systems in plasma physics	AIMS Mathematics, 2022, 7(5), pp. 8588–8606
2	Abdelrahman MAE , Hassan S. Z. , Alomair R. , Alsaleh D. M.	The New Wave Structures to the Fractional Ion Sound and Langmuir Waves Equation in Plasma Physics	Fractal and Fractional, 2022, 6(5), 227
3	Abdelrahman MAE , Hassan S. Z. , Alomair R. , Alsaleh D. M.	Fundamental solutions for the conformable time fractional ϕ -4 and space-time fractional simplified mch equations	AIMS Mathematics, 2021, 6(6), pp. 6555–6568
4	Hassan S. Z. Abdelrahman MAE , Alomair R. , Inc. Mostufa and Y. M. Chu.	Fundamental solutions for the Long– short - wave interaction system.	Open Physics, Vol.18 , Issue1, 1093–1099, 2020
5	R. Alomair & J. Montaldi	Periodic orbits in Hamiltonian systems with involutory symmetries	Journal of dynamics and differential equations 8/2/2016



6	Reem A. . Alomair & Ahmed G. Ibrahim	On the existence of mild solutions of semi linear evolution differential inclusions with nonlocal conditions.	Electronic journal of differential equations 2009
---	--------------------------------------	---	---

Refereed Scientific Research Papers Accepted for Publication

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

Published Books

#	Authors	Title	Year

Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Project Title	Date
1			
2			
3			

Current Research Projects

#	Research Project Title	Name of Investigator(s)
1	Stability Analysis for fractional dynamical systems	D. Alsaleh, L. Alessa and R. Alomair
2		
3		
4		

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	The first Sharja international conference on mathematical sciences	Sharja /UAE/ 6-8 /11/ 2023	attendance
2	The international conference on fractional differentiation and its applications	Ajman/UAE/ 14-16/3/2023	attendance
3	The first conference of heads and supervisors of academic departments	10-12/11/2020	Online KAU attendance



4	4 th workshop on Partial differential equations and applications	24/12/2019	KFUPM	attendance
5	Math day 4	4/10/2018	KAU	Presenting a short talk

Training courses

#	Title	Place and Date	Extent of Contribution
1	Preparing and writing self study report for the program	16/5/2023	Attendance
2	Planning and implantation self evaluation scale for academic programs	2/5/2023	
3	Design Thinking for Leaders	3-4/1/2023	
4	Academic Leadership Diploma For heads of departments	2021/5/31 2021/6/23	
5	Transformational Leadership	2021/10/13	
6	Academic Advisor Competences	2021/10/3-4	
7	Mosherat & Jauda Applications	2021-9	
8	Measuring Learning Outcomes	18/10/2021	
9	KAUST Leadership program	27-31/3/2022	
10	Program Learning Outcomes and Graduate Attributes	14/11/2023	
11	Alignment of education outcomes with the labor market	25/12/2023	
12	Writing an educational philosophy for academic programs	14/1/2024	
13	Integrating 21st Century Skills into the Classroom	23/1/2024	



Membership of Scientific and Professional Societies and Organizations

Saudi association for mathematical sciences

Grants and Awards

Name of award	Offered by / place	Date

Teaching Activities

Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Real Analysis 1	MATH 341	Teaching
2	Principles of Analysis	MATH 242	
3	Calculus 2	MATH 211	
4	Precalculus	MATH 101	
5	Foundation of mathematics	MATH 206	
6	Calculus 1	MATH 201	
7	Calculus 3	MATH 301	
8	Mathematical methods	MATH 402	
9	Real analysis 2	MATH 502	



Administrative Responsibilities, Committee and Community Service Administrative

Responsibilities

#	From	To	Position	Organization
1	1/1438	7/1439	Chair assistant of the mathematics department	College of science and humanities in Jubail

Committee Membership

#	From	To	Position	Organization
1	1/14454	-	Member of advisory committee in nominating vice deans and department heads in college of science and humanities in Jubail	College of science and humanities in Jubail/IAU
1	3/2023	-	Coordinator of Curriculum committee in Mathematics department	College of science in Dammam/ IAU
2	24/2/1442	11 -1443	Member of the joint committee of academic program development	College of science in Dammam and College of science and humanities in Jubail/IAU
3	15/8/1438	1/3/1439	Coordinator of the exam committee	College of science and humanities in Jubail/IAU
4	1/1438	7/1439	Coordinator of mathematics department tables' committee	College of science and humanities in Jubail/IAU

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

1	Computer skills
---	-----------------



Last Update:

14/6/2023