FACULTY FULL NAME:

POSITION: Assistant Professor

Personal Data

Nationality | Saudi Arabia

Date of Birth | 21-5-1982

Department | Mathematics.

Official UoD Email | smuaddi@iau.edu.sa

Office Phone No. | 013-333 3766.

Language Proficiency

Language	Read	Write	Speak
Arabic	√	√	√
English	√	√	√
Others			

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
2004	BSc in Mathematics	Mathematics Department.	King Saud University.
2007-2008	MSc in Mathematics	University of East Anglia, UK.	Norwich Research Park, Norwich,NR4 7TJ
2019	PhD in Mathematics	University of Exeter, UK.	Exeter, Devon UK, EX4 4SB

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

PhD	Control of Spiral Waves in Reaction-Diffusion Systems Using Response Function.
Master	Lebesgue Measure and Metric Spaces.
Fellowship	

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work	Date

Assistant Professor	Mathematics Department Faculty of Science	Imam Abdulrahman bin Faisal University		2019
University lecturer	Mathematics Department Faculty of Science	King Faisal University- Al-Hassa		2008
Teaching assistant	Mathematics Department Faculty of Science	College of Teachers in Dammam		2006

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
I was responsible for financial affairs in the Saudi club in Exeter which is in Britain		2015
I was a member of the Saudi society at University of Exeter.		2015
I was also responsible for financial affairs in the Saudi club in Norwich which is in Britain		2007

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	Saad M. Almuaddi	Control of Spiral Waves in Reaction-Diffusion Systems Using Response Function.	University of Exter-2019
2	Saad M. Almuaddi with others	Cultivating Calculus Excellence: Smart Learning and Peer Tutoring for Math Empowerment in Female Science College Students	Migration Letters
3	Saad M. Almuaddi with others	Stability Analysis and Hopf Bifurcation for the Brusselator Reaction–Diffusion System with Gene Expression Time Delay	Mathematics-2024

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

Current Researches

#	Research Title	Name of Investigator(s)
1	Supressessing Spiral Wave solutions in Barkley System Using the Proportinal Feddback control Function.	Saad M. Almuaddi with others
2	A numerical computing for the probabilistic distribution functions of one-to-one random variable transformations with Weibull distribution optimization: Applications in stochastic heat transfer analysis using Gamma distribution	Saad M. Almuaddi with others

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution

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	Demography	1578	
2	Calculus II	7333	

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

Demography	1578	the study of statistics such as births, deaths, income, or the incidence of disease, which illustrate the changing structure of human populations.
Calculus II	7333	Calculus is the mathematical study of continuous change such that it has two major branches, differential calculus and integral calculus.
Mathematics_research_seminar	Math 506-5 (12507)	Study the dynamical system numerically

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

Guest/Invited Lectures for Undergraduate Students

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

1	Linear algebra		College of applied studies & community service.	2010
2	Calculus		College of computer science & information technology	2020

Student Academic Supervision and Mentoring

#	Level	Number of Students	From	To
1	10	3	21/12024	16/5/2024

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

Committee Membership

#	From	To	Position	Organization
1	2014	2015	University of Exeter	the Saudi society

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	Training course on computer processing and information editing, 6 months, 1996.
2	

Last Update

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