FACULTY FULL NAME: Samiha BRAHIMI

POSITION: Assistant professor

Personal Data

Nationality | Algerian

Date of Birth | 28/01/1986

Department |Computer Information Systems

Official UoD Email | sbrahimi@iau.edu.sa

Office Phone No. | (+966) 581236612

Language Proficiency

Language	Read	Write	Speak
Arabic	✓	✓	✓
English	✓	✓	✓
French	✓	✓	✓

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
Sep 2015	PhD	Algeria	University of Constantine 2
Jun 2009	Master	Algeria	University of Constantine 2
Jun 2007	Bachelor	Algeria	University of Constantine 2

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

PhD	Optimizing multi-constrained skyline queries using view materialization
Master	Hybridizing genetic algorithms and neural networks for the creation of an intelligent agent
Fellowship	

Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work			Date
Assistant Professor	IAU	Ad dammam	Saudi Arabia	Sep 2016

Part-Time teacher	National polytechnic school of Constantine	Constantine		Algeria	Sep 2015
Part-Time teacher	University of Constantine 2	Constantine		Algeria	Jan 2013

Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date

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
	Mariam Elhussein, Samiha Brahimi, Abdullah Alreedy, Mohammed Alqahtani, Sunday O. Olatunji	Google trends identifying seasons of religious gathering: applied to investigate the correlation between crowding and flu outbreak	, Information Processing & Management 2020
	Alissa, K., Almubairik, N., Alsaleem, L., Alotaibi, D., Aldakheel, M., & Alqhtani, S, Samiha brahimi	A comparative study of WhatsApp forensics tools	. SN Applied Sciences 2019
	Amina Hameurlain Samiha BRAHIMI	*Background on Context-Aware Computing Systems*	IGI-global, 2016
	Samiha BRAHIMI Mohamed-khireddine Kholladi	*A genetic approach for materialized skyline views selection problem*	Inderscience publisher, 2016

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
	Fatimah A Alqarni, Raghad A Almulla, Rana A Alqahtani, Eman A Almubarak, Yasser A Bamarouf, Ruba M Alsalah, Samiha Brahimi, Gomathi Krishnasamy, Arwa M Alghamdi, ,2019	Dental Pager: Interactive Mobile Application to Enhance Supervision of Dental Colleges Students	2nd International Conference on Computer Applications & Information Security (ICCAIS)
	Samiha Brahimi, Aseel Aljulaud, Anwar Alsaiah, Norah AlGuraibi, Mariam Alrubei, Haneen Aljamaan ,	Performance Dashboards for Project Management,	International Conference on Computing 2019 (LNCS).
	Salwa Tanko, Hawra Al-Saeed, Ruqaya Alali, Sara Alawami, Samiha Brahimi, Gomathi Kirishina,	Performance dashboard for productive families,	2019 2nd International Conference on Computer Applications & Information Security (ICCAIS).
	BRAHIMI, S., AlQuershi., A., Alqahtani., M.	"N-Shopping: Towards an autonomous Online Shopping system for NEOM megacity".	15th Learning& Technology conference, Jeddah-Saudi 2018
	BRAHIMI, S., Alzahrani, R., Almubarek., R.	OS-DSS: Genetic-skyline based Decision Support System for grocery Online Shopping.	Second International Conference on Computing Sciences and Engineering, Kuweit 2018.
	Brahimi, S. Kholladi, M.K. and Hamerelain, A.	Top-Sky: A Top-down Algorithmfor the Computation of the skycube"	2013).. IEEE symposium of programming and systems".
	Brahimi, S. Kholladi, M.K.	Materializing distributed skyline queries.	(2014). 6th conference of agents and artificial intelligence (Angers, France)
	Brahimi, S. and Kholladi, M.K. (2011).	Agent-genetic based approach for materialized views selection.	Second international conference in complex systems CISC. December 2011. Jijel (Algeria

Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date

Current Researches

#	Research Title	Name of Investigator(s)

	Fake Data	Mariam Elhussein, Samiha BRAHIMI
	Educational timetabling in gender-segregated context	Samiha BRAHIMI, Mariam Elhussein
	Predicting the chance of survival and recommending the appropriate Tracheostomy timing for COVID-19 hospitalized patients	Samiha BRAHIMI, Mariam Elhussein

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)
	Data and Information Management	CIS 416	153 lectures and 105 labs
	Decision support and expert systems	CIS 516	165 lectures
	Database management systems	CIS 411	75 lectures and 75 labs
	Database concepts and design	CIS 321	75lectures
	Introduction to C++ programing	NA	30 lectures

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

Data and Information Management (CIS 416) eye opening course to data management in organizational context
Decision support and expert systems (516) Theorical course looking at different techniques and methods to support the decision within organizations
Database management systems(321) : Basic course on database design
Introduction to C++ programing: introduce students to basic object oriented programming, application on C++programming language.

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
	Data and Information Management- CIS 416	Yes	NA	Yes	NO	2018	2021
	Decision support and expert systems - CIS 516	Yes	NA	Yes	No	2017	2020
	Database management systems- CIS 411	Yes	NA	Yes	No	2016	2018

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
	Level 9 and 8	35	2016	2021

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
	2017	2021	Chair of community service support unit	CCSIT-IAU

Committee Membership

#	From	To	Position	Organization
	2018	2021	CIS curriculum committee	CCSIT- IAU
	2017	2018		

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	
2	

Last Update

17/03/2021