

**Name: Dabiah Ahmed Alboaneen, MSc, PhD, OTT-A, eLQA-A, IDPP**

Vice Dean, E-Learning and Distance Learning | Assistant Professor in Cloud Computing and Artificial Intelligence at Imam Abdulrahman bin Faisal University

Expert in cloud computing, artificial intelligence, machine learning, deep learning, data analysis, algorithms, IoT, networking, data privacy, and GRC. Has experience in strategic and operational plans, and risk management. Excellent at managing conflicts, solving problems, managing time, leading teams, and mentoring. Experienced in research and digital innovation.

#### Personal Data

Nationality | Saudi  
Date of Birth | 24/10/1984  
Email | Dabuainain@iau.edu.sa  
Mobile No. | 0550253116

#### Language Proficiency

Language	Read	Write	Speak
Arabic	Native	Native	Native
English	Fluent	Fluent	Fluent

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

Date	Academic Degree	Place of Issue
2023	Integrated Data Privacy Professional (IDPP)	OCEG – GRC certify
2023	Professional Certificate in eLearning Quality Assurance - Advanced Level (eLQA-A)	Riyadh - NeLC, Saudi Arabia
2023	Professional Certificate in Online Teaching / Training - Advanced Level (OTT-A)	Riyadh - NeLC, Saudi Arabia
2023	Innovation and Digital Transformation	Riyadh - IPM, Saudi Arabia
2022	MCIT Empowering Women Program	IDM and MCIT, Saudi Arabia
2021	Academic Leadership Diploma	Imam Abdulrahman bin Faisal University - Saudi Arabia
2020	British Fellowship in Teaching and Learning	United Kingdom
2019	Certified trainer	Saudi Arabia
2019	PhD - Cloud computing and Artificial Intelligence	United Kingdom
2013	Master - Advanced Computer Networks – Distinction 1st place	United Kingdom
2006	Bachelor of Computer with Honors	Saudi Arabia

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

PhD	Developing an algorithm and its applications in cloud computing and artificial intelligence
Master	Voice Codecs over IPv6

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

Job Rank	Place and Address of Work	Date
Assistant Professor	Imam Abdurrahman Bin Faisal University – College of Science and Humanities in Jubail.	2019 - now
Lecturer	Glasgow Caledonian University - UK	2013 - 2018
Teaching Assistant	Imam Abdurrahman Bin Faisal University – College of Science and Humanities in Jubail.	2015 - 2016
Teaching Assistant		2006 - 2013

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

Administrative Position	Date
Vice Dean of Deanship of E-Learning and Distance Learning at Imam Abdulrahman bin Faisal University	06/06/1443 - now
Vice Dean of Postgraduate Studies and Scientific Research at Imam Abdulrahman bin Faisal University	4/01/1442 – 05/06/1443
Head of the Computer Department at the Faculty of Science and Humanities in Jubail, Imam Abdulrahman bin Faisal University	18/09/1440 -16/04/1443
Vice Head of Computer Science Department	2019
Vice Head of Computer Science Department	2010 - 2011
Vice President of Center of Qiyas Center at the Faculty of Science and Humanities in Jubail	2009 - 2011

### Scientific Achievements

#### Published Refereed Scientific Research

Research Title	Publisher and Date of Publication
Machine and Deep Learning Algorithms for Twitter Spam Detection	The 5th International Conference on Advanced Intelligent Systems and Informatics – Springer - 2019
Sentiment analysis via multi-layer perceptron trained by meta-heuristic optimization	IEEE International Conference on Big Data, Boston, MA - 2017
Glowworm Swarm Optimization for Training Multi-Layer Perceptrons	Fourth IEEE/ACM International Conference on Big Data Computing, Applications and Technologies. ACM, New York, NY, USA - 2017
Glowworm Swarm Optimization Based Task Scheduling for Cloud Computing	Second International Conference on Internet of Things, Data and Cloud Computing, Cambridge - 2017
Glowworm Swarm Optimization Algorithm for Virtual Machine Placement in Cloud Computing	Intl IEEE Conferences on Ubiquitous Intelligence & Computing, Advanced and Trusted Computing, Scalable Computing and Communications, Cloud and Big Data Computing, Internet of People, and Smart World Congress, Toulouse - 2016
Metaheuristic Approaches to Virtual Machine Placement in Cloud Computing: A Review	International Conference on Cloud Computing and Big Data, Hong Kong - 2016
Energy-Aware Virtual Machine Consolidation for Cloud Data Centers	IEEE/ACM 7th International Conference on Utility and Cloud Computing, London - 2014
Simulation Tools for Cloud Computing	London, UK: CRC Press - 2014
Moth-flame Glowworm Swarm Optimisation	Multiagent and Grid Systems - An International Journal- 2019 – <b>Q3</b>
NewsScatter: Topic Similarity in Social Media	3rd International Conference on Computer Applications & Information Security (ICCAIS)
Internet of Things Based Smart Mirrors: A Literature Review	3rd International Conference on Computer Applications & Information Security (ICCAIS)
Twitter Sentiment Analysis on Activities of Saudi General Entertainment Authority	3rd International Conference on Computer Applications & Information Security (ICCAIS)
Predicting the Epidemiological Outbreak of the Coronavirus Disease 2019 (COVID-19) in Saudi Arabia	International Journal of Environmental Research and Public Health – 2020 – <b>Q2</b>
A Smart Attendance System for Imam Abdulrahman Bin Faisal University Using Facial Recognition	4th International Conference on Computer Graphics and Digital Image Processing
A Metaheuristic Method for Joint Task Scheduling and Virtual Machine Placement in Cloud Data Centers	Future Generation Computer Systems – <b>Q1</b>

Comparison of Parental Control Tools for Blocking Advertisements on a Home Network	16th International Conference on Information Assurance and Security
Smart Appointment Booking Systems for Social Distancing: Technologies and Solutions	10 <sup>th</sup> World Congress on Information and Communication Technologies
Smart Information Desk System with Voice Assistant for Universities	International Journal of Electrical and Computer Engineering – <b>Q2</b>
An Evolutionary-based Random Weight Networks with Taguchi Method for Arabic Web Pages Classification	Arabian Journal for Science and Engineering - <b>Q1</b>
A Predictive and Preventive Model for Onset of Alzheimer's Disease	Frontiers in Public Health – <b>Q1</b>
Development of a Web-Based Prediction System for Students' Academic Performance	Multidisciplinary Digital Publishing Institute Data – <b>Q2</b>
A Novel CovidDetNet Deep Learning Model for Effective COVID-19 Infection Detection Using Chest Radiograph Images	Applied Sciences – <b>Q2</b>
Cloud Computing and its Future in Saudi Arabia Report	Monshaat
Artificial Intelligence-Powered Contactless Face Recognition Technique for Internet of Things Access for Smart Mobility.	Wireless Communications & Mobile Computing – <b>Q2</b>
Mawadi: Smart Appointments Booking System for Social Distancing	Information Sciences Letters - <b>Q2</b>
Co-evolving Popularity Prediction in Temporal Bipartite Networks: A Heuristics based model	IEEE Access – <b>Q1</b>
Predicting Colorectal Cancer Using Machine and Deep Learning Algorithms: Challenges and Opportunities	Big Data and Cognitive Computing – <b>Q1</b>
Predicting the Future Popularity of Academic Publications Using Deep Learning by Considering it as Temporal Citation Networks	IEEE Access – <b>Q1</b>

#### Contribution to Scientific Conferences and Symposia (Not all)

Extent of Contribution	Place and Date	Conference title
Presence	Saudi Arabia - 2019	Robot Conference
Presence	Saudi Arabia - 2019	Industrial Things Internet Conference
Scientific poster	United Kingdom - 2014	SICSA Conference for PhD Students in Computers
Presence	Saudi Arabia - 2008	First E-Learning Conference
Scientific poster	United Kingdom - 2016	Saudi scientific conference
Scientific poster	United Kingdom - 2015	PhD Student Conference at Glasgow Caledonian University
Scientific poster	United Kingdom - 2017	PhD Student Conference at Glasgow Caledonian University
Scientific paper	United Kingdom - 2014	IEEE/ACM 7th International Conference on Utility and Cloud Computing
Scientific paper	China - 2016	International Conference on Cloud Computing and Big Data
Scientific paper	France - 2016	Intl IEEE Conferences on Ubiquitous Intelligence & Computing, Advanced and Trusted Computing, Scalable Computing and

		Communications, Cloud and Big Data Computing, Internet of People, and Smart World Congress
Scientific paper	United Kingdom - 2017	Second International Conference on Internet of Things, Data and Cloud Computing
Scientific paper	America - 2017	Fourth IEEE/ACM International Conference on Big Data Computing, Applications and Technologies. ACM
Scientific paper	America - 2017	IEEE International Conference on Big Data
Scientific paper	Egypt - 2019	The 5th International Conference on Advanced Intelligent Systems and Informatics
Speaker	Riyadh - 2019	PNU International Conference on Computing
Scientific paper	America - 2019	IEEE International Conference on Big Data - IEEE Workshop on IoT Big Data and Blockchain
Organizer and chair of a scientific session	Online - 2020	The First Arab Conference on Emerging Technologies and Applications
Three scientific papers	Riyadh - 2020	3rd International Conference on Computer Applications and Information Security
Speaker	Cloud Computing Association	First Cloud Forum
Scientific paper	Online - 2020	16th International Conference on Information Assurance and Security
Speaker	Dammam (Online) - 2021	Forum of recent trends in the construction of educational programs in university education
Judge Panel	King Salman International Arabic Language Complex - 2022	Barmjan Arab Forum
Speaker	Taif (Online) - 2021	Women's Forum in Data Science - Stanford University and Taif University
Speaker	Kuwait - 2022	Women's Forum in Data Science - Stanford University and the General Authority for Applied Education and Training
Speaker	Riyadh - 2022	Google Developers in Riyadh

#### Membership in Scientific and Professional Societies and Organizations

- Founding Board Member of the Saudi Cloud Computing Association
- Member of OCEG

#### Volunteer Work

#	From	To	Type of Volunteer	Organization
1	1/2020	2022	742 hours of volunteer work	Volunteering Platform - Ministry of Human Resources and Social Development.
2	2019	Now	17,792 hours of volunteer work	Community Responsibility Bank - Imam Abdulrahman Bin Faisal University
3	2019	Now	Founding board member and Head of the PR committee	Saudi Cloud Computing Association
4	Continuous		Presentation of various workshops, lectures, and seminars.	
5	2014	2016	Head of the Women's Committee	Saudi Club in Glasgow - Cultural Attaché, UK.
6	2015	2017	Head of the Women's Committee	Azzaz School - Saudi Club in Glasgow - Cultural Attaché in the UK.
7	2014	2018	Academic and technical courses	Saudi clubs in the UK.

8	2014	2016	Head of the Scientific Research Committee	Saudi academics.
9	2017	Now	Review scientific research papers	Different conferences and journals (MDPI, IEEE, Springer .. etc)

### Awards

#	Date	Type of Award	Organization
1	2023	Student Research Publishing Initiative Award	Imam Abdulrahman Bin Faisal University - Deanship of Scientific Research
2	2023	Student Research Publishing Initiative Award	Imam Abdulrahman Bin Faisal University - Deanship of Scientific Research
3	2023	Excellence Award for Scientific Publishing	Imam Abdulrahman Bin Faisal University
4	2022	Student Research Publishing Initiative Award	Imam Abdulrahman Bin Faisal University - Deanship of Scientific Research
5	2021	Student Research Publishing Initiative Award	Imam Abdulrahman Bin Faisal University - Deanship of Scientific Research
6	2022	Community Responsibility Award - Record for the highest number of hours (faculty)	Imam Abdulrahman Bin Faisal University - Deanship of Community Service
7	2021	Award - Record for the highest number of volunteer hours (faculty)	Imam Abdulrahman Bin Faisal University - Deanship of Community Service
8	2021	Excellence Award for Scientific Publishing	Imam Abdulrahman Bin Faisal University
9	2020	Excellence Award for Scientific Publishing	Imam Abdulrahman Bin Faisal University
10	2020	Excellence Award for Scientific Publishing	Imam Abdulrahman Bin Faisal University
11	2012 - 2018	Eleven (11) awards for research and academic excellence and excellence awards	Cultural Attaché in the UK.
12	2017	Research grant	National Science Center of America ( )
13	2016	Best Scientific Poster Award	Glasgow Caledonian University in the UK
14	2014	Excellence Award	Saudi Embassy in the UK (Prince Mohammed bin Nawaf)
15	2013	Best Master's Project Award	Glasgow Caledonian University in UK and FMC Technologies.

### Projects (the most important)

1	Develop a strategic and operational plan for the Computer Department.
2	Create a dashboard for monitoring the status of postgraduate students for all colleges' departments.
3	Develop a smart system to predict the performance of students based on AI.
4	Develop a smart information desk system with voice assistant using AI and IoT.
5	Develop an early diagnosis system for predicting cancers using AI
6	Develop a compliance tool for research promotions in IAU
7	Design and supervise different hackathons such as the first scientific research hackathon at IAU and the first Tech hackathon.
8	Develop different policies.

### Last Update

6/2023