Date: 13/4/2025

CURRICULUM VITAE

Personal information

Faculty Member Name: Ghaith M. Jaradat
Academic Rank: Associate Prof. Dr.
College: Information Technology
Department: Computer Science
Nationality: Jordanian
Address: Amman
Phone No: 0796888035
E-mail: g.jaradat@aau.edu.jo

Academic Qualifications

Degrees with fields, institution, and date

- B.S. in Computer Science, Jerash University, 2004.
- M.Sc. in Intelligent Systems, Utara University, 2007.

Project / theses title: Improving Secondary School Examination Timetabling Using Genetic Algorithm

- Ph.D. in Computer Science, Kebangsaan University, 2012.

Dissertation title: Diversification And Intensification Strategies in Population-Based Metaheuristics for Post-Enrolment Course Timetabling Problems

Academic Experience

- Duration: 15/9/2020 - present
- University: Amman Arab University
- Academic Rank: Associate Prof. Dr.
- Date the rank was granted: 2/1/2018
- The body granting the rank: Jerash University
- College: Information Technology
- Country: Jordan

- Duration: 2/1/2018 – 30/9/2020
- University: Jerash University
- Academic Rank: Associate Prof. Dr.
- Date the rank was granted: 2/1/2018
- The body granting the rank: Jerash University
- College: Information Technology
- Country: Jordan

- Duration: 1/10/2012 – 1/1/2018
- University: Amman Arab University
- Academic Rank: Assistant Prof. Dr.
- Date the rank was granted: 1/10/2012
- The body granting the rank: Jerash University
- College: Information Technology
- Country: Jordan

Non-Academic Experience

- Duration: 2 years
- Institution: AAU
- Department: Computer Science / Head of Department
- Country: Jordan

Certifications or Professional Registrations

-

Current Membership in Professional Organizations

- National Jordanian Researchers' Database (ID: 2000602)
- National Researchers' Database in Universities and Scientific Centers (ID: 3025)
- Euro Working Group on Automated Timetabling
- Data Mining and Optimization research group
- Jordanian Academicians Society
- 'Discover' Editorial Community

Honors and Awards

- None

Service Activities

- Editorial board in the Discover Computing Journal, Springer Nature
- Coordinator of the RUCAS-Tempus IV Project "CLIMASP"
- Master Thesis Discussion Committees (Internal / External Examiner)

- Committee on Ethics of Theses and Dissertations
- Strategic Planning Implementation and Follow-up Unit
- Strategic Planning Committee
- Promotion Committee
- Curriculum Committee
- Scientific Research Committee
- Graduate Studies Committee
- Quality Assurance Committee
- Course Equivalency Committee
- Student Affairs Committee
- Academic Advising Committee

The most Important Publications in last five years

- Multilayer perceptron neural network with arithmetic optimization algorithm-based feature selection for cardiovascular disease prediction
- Predicting vitamin D deficiency using optimized random forest classifier
- A survey and recent advances in black widow optimization: variants and applications
- Cyberbullying Detection Framework for Short and Imbalanced Arabic Dataset
- A Hybrid Sentiment-Discourse Analysis Model for Ukraine Crisis Facebook Posts with a Jordanian Dialect
- A comprehensive study of machine learning for predicting cardiovascular disease using Weka and SPSS tools
- Elitist-Ant System metaheuristic for ITC 2021- Sports Timetabling
- An Enhanced Particle Swarm Optimization for ITC2021 Sports Timetabling
- Digitalization of learning in Saudi Arabia during the COVID-19 outbreak: A survey

Institutional Professional Development Activities in the last five years

- Preparing the course file and continuous improvement cycle
- Publishing in peer-reviewed international journals
- Academic supervision of university theses and the role of the academic advisor
- Principles and mechanisms for academic course equivalency
- International accreditations and academic rankings
- Jordanian accreditation for academic programs
- Community partnerships and sustainable development
- Library services for private Jordanian universities
- Principles for developing academic programs and reviewing them
- Study plans and their development
- Strategic planning
- Mechanisms for implementing distance and blended e-learning
- Placement and the National Qualifications Framework
- Change management and administrative transformation
- Using the Quality Matters Template for all courses
- Statistical analysis for research
- Preparing and supervising university theses

- The computerized promotion system
- Managing the educational process workflow
- Placement, accreditation, national qualifications framework, and quality assurance
- Recording and editing lectures and educational videos
- KPIs in procedural plans and how to achieve them
- How to prepare research extracted from a thesis
- QS international ranking
- The role of the Scientific Research Support Fund in funding scientific research: Challenges and opportunities

RESEARCH LINK (Scopus and Google Scholar)

- GoogleScholar: https://scholar.google.com/citations?user=q_Q9C88AAAAJ&hl=en
- SCOPUSID: 35230017200
- ORCID: 0000-0002-5166-1576

LANGUAGES

- Arabic
- English