

Dr. Asma Ali Mosa Eltharif

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Lecturer in the Computer Department
Faculty of Education, University of Benghazi

Profile:

A committed lecturer with over eight years of experience at the Computer Science Department, Faculty of Education, University of Benghazi, Libya, teaches undergraduate students from various social and cultural backgrounds. Possessing excellent administrative, verbal, and written communication skills, along with constructive and effective teaching methods that promote a stimulating learning environment.

Education:

2018-2019

- PhD in E-learning (Universiti Teknologi Malaysia (UTM)). Malaysia, Kuala Lumpur. She was awarded the degree with merit and excellence certificates.

2007-2008

- M. Sc in Computer Science (Academy of Graduate Studies-Benghazi, Libya, Benghazi). She obtained the First Class for her MSc degree.

1998-1997

- B. Sc. in Computer Science (University of Benghazi, Libya, Benghazi).

Work Experience:

1998-2001 Instructor in the Computer Lab at the Institute

Instructor in the computer lab at the 10 March Higher Institute of Computer Technology, Benghazi, Libya. Responsible for teaching within the Higher Diploma program. The subjects she practically teaches include:

- Introduction to Computer Science
- Data Structures
- Visual Basic
- Java
- Programming in C++ language
- Databases
- Pascal language

1998 - 2005 Instructor in the computer lab at the University of Benghazi

Instructor in the computer lab in the Computer Science Department, Faculty of Education, University of Benghazi. Responsible for teaching undergraduate courses, including the following subjects:

- Introduction to Computer (Basic language)
- Programming in C++ language
- Pascal (Programming Language)
- Data Structures
- Databases

2008 – 2011 Assistant Lecturer at the University of Benghazi

Assistant Lecturer at the Computer Science Department, Faculty of Education, University of Benghazi, Libya. Responsible for teaching undergraduate courses. The subjects she taught include:

- Introduction to Computer Science
- Programming in C++ language
- Data Structures
- Operating System
- Teaching practice at schools 1
- Teaching practice at schools 2
- Graduation Project
- Computer Networks

2008 - 2011 Head of the Computer Department at the Faculty of Education

Head of Computer Department at Faculty of Education, University of Benghazi, Libya. She was involved in developing the curriculum for some courses during her tenure, including programming in the C++ language, operating systems, data structures, an introduction to computer science, and object-oriented programming.

2021- Present Lecture at the University of Benghazi

Lecturer at the Computer Department, Faculty of Education, University of Benghazi, Libya. Responsible for teaching undergraduate courses. The subjects she taught include:

- Computer Drawing 1
- Data Structure
- Computer principles
- Programming II
(Object Oriented Programming Using Java)
- Introduction to Data Base
- Computer Drawing 2
- Visual Programming
- Teaching practice at schools
- Data Communication and Networking

2021- Present **Head of the Computer Department at the Faculty of Education**

Head of Computer Department at Faculty of Education, University of Benghazi, Libya.

2021-2023 **Other subjects she taught:**

- Distributed Systems
- Programming I
- International Computer Driving License (ICDL)
- Introduction to Project
- Human Computer Interaction
- Programming II
- Operating System

Research Area / Interest:

- E-learning
- Qualitative research
- Software
- E-government

Committees she has worked on:

- 2023 Best Graduation Thesis Nomination Committee for Scientific Departments at the Faculty of Education Member
- 2024 Committee for Amending the Internal Regulations of the Faculty of Education Member
- 2024 Strategic Plan Committee of the Faculty of Education Member
- 2024 Final Examination Committee of the Faculty of Education Member
- 2024 Midterm Examination Committee of the Faculty of Education Member
- 2025 Institutional Self-Study Committees of the Faculty of Education ... Main Committee

Skills:

- Proficient in delivering engaging presentations and employing motivational techniques to effectively convey scientific concepts to students.
- Strong interpersonal and communication skills, fostering productive relationships with students and colleagues.
- Demonstrated the ability to collaborate effectively within a team environment.
- Skilled in identifying and capitalizing on new learning opportunities to enhance student engagement and understanding.
- Extensive experience in classroom management, ensuring an organized and conducive learning environment for students.

Publications:

1. **Mosa, A. A.**, Naz'ri bin Mahrin, M., & Ibraahim, R. (2016). Technological Aspects of E-learning Readiness in Higher Education: A review of the literature. *Computer and Information Science*, 9(1), 113-127. <https://doi.org/10.5539/cis.v9n1p113>.
2. **Al-araibi, A. A. M.**, Mahrin, M. N. R. B., & Yusoff, R. C. M. (2016). A systematic Literature Review of Technological Factors for E-learning Readiness in Higher Education. *Journal of Theoretical & Applied Information Technology*, 93(2), 500-521. (Q3, Indexed by SCOPUS).
3. **Al-araibi, A. A. M.**, Mahrin, M. N. R. B., & Yusoff, R. C. M. (2019). Technological Aspect Factors of E-learning Readiness in Higher Education Institutions: Delphi Technique. *Education and Information Technologies*, 24(1), 567–590. <https://doi.org/10.1007/s10639-018-9780-9>. (Q2, Indexed by ISI and SCOPUS).
4. **Al-araibi, A. A. M.**, Mahrin, M. N. R. B., & Yusoff, R. C. M. (2019). A model for Technological Aspect of E-learning Readiness in Higher Education. *Education and Information Technologies*, 24 (2), 1–37. <https://doi.org/10.1007/s10639-018-9837-9>. (Q2, Indexed by ISI and SCOPUS).
5. Baeuo, M. O. M., Rahim, N. Z. B. A., & **Alaraibi, A. A. M.** (2016). Technology Aspects of E-Government Readiness in Developing Countries: A Review of the Literature. *Computer and Information Science*,9(4), 1. (Non-indexed Journal).
6. Baeuo, M. O. M., Rahim, N. Z. B. A., & **Alaraibi, A. A. M.** (2017). Technology Factors Influencing E-government Readiness. *Journal of Theoretical & Applied Information Technology*,95(8). (Q3, Indexed by SCOPUS).
7. Eldharif, E. A., Sallabi, O. M., & **Eltharif, A. A. M.** (2024). An Improved Genetic Algorithm Tool for Exam Timetabling Solutions. In *2024 IEEE 4th International Maghreb Meeting of the Conference on Sciences and Techniques of Automatic Control and Computer Engineering (MI-STA)* (pp. 672-677). IEEE.
8. **Eltharif, A. A. M.** , Baeuo, M. O. M, Eldharif, E. A. (2024). Exploring the Underlying Technological Factors and E government Readiness Constructs among the Technical Staff at the Ministry of Communications and Informatics in Libya. *International Journal of Computer Applications*, 186 (19). 1-9.
9. Eltharif, A. A. M., & Abdalla, R. A. S. A Conceptual Framework for Identifying Risks of AI Integration in Higher Education. *International Journal of Computer Applications*, 187(18), 0975 – 8887.