



سبتمبر للعلوم الطبية والتطبيقية 21 جامعة

21 September UMAS

السيرة الذاتية – د/ عوض القباطي

Personal Information	Name: Awadh Ali Abdo Mohammed Academic Degree: Assistant professor Faculty: Engineering and Computer E-mail: dawadh@21umas.edu,ye
Personal Summary	Biomedical Engineering Ph.D. (2014) with over 12 years of professional engineering experience and more than a decade of expertise in higher education, academic leadership, quality assurance, and institutional development. Currently serves as Deputy Dean of the Faculty of Engineering and Computer, Deputy Dean of the Center for Development and Quality Assurance, and Head of the Department of Diagnostic Radiology Technology at 21 September University for Medical and Applied Sciences, while also serving as Assistant Professor of Biomedical Engineering at Sana'a University.
Education	• PhD Degree in Biomedical Engineering” 2014. • Master Degree in Biomedical Engineering 2010.



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	• BSc in 2008.
Core Competencies and Experience	• Consultant in medical and educational equipment Specifications, Technical Assessment, Inspection, Performance Evaluation, and Facilities Development. • An engineer in medical device maintenance and troubleshooting with more than 10 years of experience in several hospitals and various medical centers • Diagnostic radiology systems and radiologic devices trainer, including software installation and maintenance for various medical radiology systems. • Project management, evaluation and monitoring expert.
Academic and leadership positions during last 10 years	• Deputy dean, Engineering and Computer Faculty, 21 September University of Medical and Applied Sciences. • Deputy dean, Development and Quality Assurance Center, 21 September University of Medical and Applied Sciences. • Head, Biomedical Engineering Department, 21 September University of Medical and Applied Sciences. • Assistant professor in “Biomedical Engineering department, 21 September University of Medical and Applied Sciences. • Head, Diagnostic Radiology Technology Department, 21 September University of Medical and Applied Sciences.



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	- Chairman, Tender Evaluation and Assessment Committee, 21 September University of Medical and Applied Sciences. - Software developments manager, 21 September University of Medical and Applied Sciences. - Assistant professor, Biomedical Engineering department, Sana'a University. - Assistant Professor, Radiography and Medical Imaging Department, Faculty of Medicine and Health Sciences, University of Science and Technology, Sana'a, Yemen.
Workshops activities during latest 3 years	2026, Qualification of academic accreditation expert's participant in "Training program for qualifying national academic accreditation experts in external evaluation and reviewing of institutions and scientific programs", at Council for Accreditation and Quality Assurance. 2026, Workshop trainer for "Digital Transformation and Academic Excellence Workshop". 2024, Seminar Presenter in an "Artificial Intelligent in Academic Research Seminar". 2023, Seminar Presenter in "Bioinformatics and Nanotechnology Seminar".
Scientific research activities during latest 3 years	1. Awadh Ali Abdo Mohammed, A. Mohammed Hussein Obaid, A. Alsabry, F. S. A and Y. A. Alhaj, "Exploring the Impact of Quantum Internet on Telemedicine Technology: Enhancing Healthcare Delivery, Speed, and Data Security," 2024 1st International Conference on Emerging Technologies for Dependable Internet of Things (ICETI), Sana'a, Yemen, 2024, pp. 1-9, doi: 10.1109/ICETI63946.2024.10777189.



2. A. M. Hussein Obaid, **Awadh Ali Abdo Mohammed**, S. K. Pani, A. Alsabry and H. Ali Qasem, "Scheduling in Cloud of Things: An Overview," 2023 3rd International Conference on Emerging Smart Technologies and Applications (eSmarTA), Taiz, Yemen, 2023, pp. 01-12, doi: 10.1109/eSmarTA59349.2023.10293528.
3. W. Baddah, H. A. Qasem, A. Alsabry, **Awadh Ali abdo Mohammed** and F. E. Hanash, "Predicting Heart Disease Using Machine Learning Techniques on Electronic Health Records Data," 2023 3rd International Conference on Emerging Smart Technologies and Applications (eSmarTA), Taiz, Yemen, 2023, pp. 1-8, doi: 10.1109/eSmarTA59349.2023.10293622.
4. **Awadh Ali Abdo Mohammed**, A. Mohammed Hussein Obaid, "Integrating Blockchain Technologies into Electronic Medical Record Management: Towards a More Secure Healthcare Environment", the 1st scientific conference of medical administration, 19-20 May 2025, at 21 September University of Medical and Applied Science.
5. Abdulrahman Mohammed Hussein Obaid, **Awadh Ali Abdo Mohammed**, "Security Analysis of Digital Healthcare Technologies: Security Vulnerabilities and Technical Recommendations", the 1st scientific conference of medical administration, 19-20 May 2025, at 21 September University of Medical and Applied Science.