



سبتمبر للعلوم الطبية والتطبيقية 21 جامعة

**21 September UMAS**

السيرة الذاتية – د/ عوض القباطي

<b>Personal Information</b>	<p><b>Name:</b> Awadh Ali Abdo Mohammed</p> <p><b>Academic Degree:</b> Assistant professor in Biomedical Engineering</p> <p><b>Faculty:</b> Engineering and Computer</p> <p><b>E-mail:</b> dawadh@21umas.edu,ye</p>
<b>Personal Summary</b>	<p>Assistant Professor of Biomedical Engineering with a Ph.D. (2014) and 10+ years' experience in biomedical and healthcare engineering. Expert in medical technology education, research, academic supervision, and program development, with a strong leadership record in administration, quality enhancement, and institutional advancement initiatives.</p> <p>Possesses substantial engineering experience in the medical and healthcare sector, integrating technical proficiency with academic practice. Demonstrates advanced competencies in team leadership, project management, and strategic academic planning.</p> <p>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 Diagnostic Radiology Technology</p>



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	<p>Department at 21 September University for Medical and Applied Sciences, Yemen. Additionally holds the position of Assistant Professor in the Department of Biomedical Engineering, Faculty of Engineering, Sana'a University, contributing to teaching, research supervision.</p>
<b>Education</b>	<ul style="list-style-type: none"><li>• PhD - Biomedical Engineering” 2014.</li><li>• M.Eng - Biomedical Engineering 2010.</li><li>• BSc - Design and Development of Electronic Devices, 2008.</li></ul>
<b>Core Competencies and Experience</b>	<ul style="list-style-type: none"><li>• Consultant in medical and educational equipment Specifications, Technical Assessment, Inspection, Performance Evaluation, and Facilities Development.</li><li>• An engineer in medical device maintenance and troubleshooting with more than 10 years of experience in several hospitals and various medical centers</li><li>• Diagnostic radiology systems and radiologic devices trainer, including software installation and maintenance for various medical radiology systems.</li><li>• Project management, evaluation and monitoring expert.</li></ul>



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<p><b>Academic and leadership positions during last 10 years</b></p>	<ul style="list-style-type: none"><li>• Deputy dean, Engineering and Computer Faculty, 21 September University of Medical and Applied Sciences.</li><li>• Deputy dean, Development and Quality Assurance Center, 21 September University of Medical and Applied Sciences.</li><li>• Head, Biomedical Engineering Department, 21 September University of Medical and Applied Sciences.</li><li>• Assistant professor in “Biomedical Engineering department, 21 September University of Medical and Applied Sciences.</li><li>• Head, Diagnostic Radiology Technology Department, 21 September University of Medical and Applied Sciences.</li><li>• Chairman, Tender Evaluation and Assessment Committee, 21 September University of Medical and Applied Sciences.</li><li>• Software developments manager, 21 September University of Medical and Applied Sciences.</li><li>• Assistant professor, Biomedical Engineering department, Sana’a University.</li><li>• Assistant Professor, Radiography and Medical Imaging Department, Faculty of Medicine and Health Sciences, University of Science and Technology, Sana’a, Yemen.</li></ul>
<p><b>Workshops activities</b></p>	<ul style="list-style-type: none"><li>• 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.</li></ul>



<p>during latest 3 years</p>	<ul style="list-style-type: none"><li>• 2026, Workshop trainer for “Digital Transformation and Academic Excellence Workshop”.</li><li>• 2024, Seminar Presenter in an “Artificial Intelligent in Academic Research Seminar”.</li><li>• 2023, Seminar Presenter in “Bioinformatics and Nanotechnology Seminar”.</li></ul>
<p>Scientific research activities during latest 3 years</p>	<ol style="list-style-type: none"><li>1. <b>Awadh Ali Abdo Mohammed</b>, 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.</li><li>2. A. M. Hussein Obaid, <b>Awadh Ali Abdo Mohammed</b>, 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.</li><li>3. W. Baddah, H. A. Qasem, A. Alsabry, <b>Awadh Ali abdo Mohammed</b> 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.</li></ol>



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- 4. Awadh Ali Abdo Mohammed, A. Mohammed Hussein Obaid, “Integrating Blockchain Technologies into Electronic Medical Record Management: Towards a More Secure Healthcare Environment”, the 1<sup>st</sup> 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 1<sup>st</sup> scientific conference of medical administration, 19-20 May 2025, at 21 September University of Medical and Applied Science.**