



Faculty Member Academic Biography



Personal data

Name	Sahar Lazim Qaddoori		
Current academic rank	Assistance Prof.		
Workplace	College of Electronics Engineering	Academic department	Electronic Engineering Department
General specialization	Computer Engineering	Specialization	Computer Networking
E-mail	sahar.qaddori@uoninevah.edu.iq		

Academic qualifications

Degree	University Name	Country Studied at	Major	Graduation Date
Bachelor	University of Mosul	Iraq	Computer Engineering	2007
Master	University of Mosul	Iraq	Computer Engineering	2009
PHD.	University of Mosul	Iraq	Computer Engineering	2022

Academic rank:

Academic rank	Date of Obtaining the rank	Academic rank granting Institution
Assist. Lecturer	2010/10/7	University of Mosul
Lecturer	2015/9/17	Ninevah University
Assist. Prof.	2024/10/21	Ninevah University

Practical experiences:

Job Title	Employer	Time period	
		from	to
Lecturer	University of Mosul	2010	2014
Lecturer	Ninevah University	2014	To Now

Scientific production (published/accepted for publication):

Research Title	Place of publication	Country of publication	Number	Vol	date of publication
"Building A Keystroke Dynamic Recognition System Using An Improved Accelerated Method."	Journal of Optimization and Decision Making	Turkey	1	3	2023
"A Review of ECG Classification Techniques Based FPGA."	Al-Salam Journal for Engineering and Technology	Iraq	1	4	2025
"REAL-TIME PROCESSING STAGES OF ELECTROCARDIOGRAM SIGNAL: A REVIEW"	Journal of Modern Technology and Engineering	Azerbaijan	1	9	2024
"Realization of IIR Digital Filter Structures for ECG Denoising",	Journal Européen des Systèmes Automatisés,	France	2	57	2024
"Advancing Public Health Monitoring through Secure and Efficient Wearable Technology",	International Journal of Safety and Security Engineering	United Kingdom	6	13	2023
"EFFICIENT DESIGN AND IMPLEMENTATION OF THE REALTIME MULTI TYPES DIGITAL MODULATIONS SYSTEM BASED FPGA",	Journal of Engineering Science and Technology	Malaysia	2	18	2023
"An Insight Review of Internet of Things (IoT) Protocols, Standards, Platforms, Applications and Security Issues",	International Journal of Sensors, Wireless Communications and Control,	United Arab Emirates	6	11	2020
"An embedded intrusion detection and prevention	IET Information Security	United Kingdom	3	17	2023

system for home area networks in advanced metering infrastructure”,					
“An embedded and intelligent anomaly power consumption detection system based on smart metering”,	IET Wireless Sensor Systems	United Kingdom	2	13	2023
“AN IN-DEPTH CHARACTERIZATION OF INTRUSION DETECTION SYSTEMS (IDS)”, Azerbaijan	Journal of Modern Technology and Engineering,	Azerbaijan	2	6	2021
“An Efficient Security Model for Industrial Internet of Things (IIoT) System Based on Machine Learning Principles”,	Al-Rafidain Engineering Journal (AREJ),	Iraq	1	28	2023
“Securing Wireless Sensor Network (WSN) Using Embedded Intrusion Detection Systems”,	Iraq J. Electrical and Electronic Engineering,	Iraq	1	8	2012
“Applying an Efficient Searching Algorithm for Intrusion Detection on UbiCom Network Processor”,	International Arab Journal of e-Technology	Jordan	2	2	2011
“Design and implementation of an embedded intrusion detection system for wireless applications”,	IET Information Security	United Kingdom	3	6	2012
“Design an Embedded Web Server for Road Traffic Monitoring”,	Al-Rafidain Engineering	Iraq	6	21	2013
- “Security Enhancement of Remote FPGA Devices By a Low Cost Embedded Network Processor”,	Iraq J. Electrical and Electronic Engineering	Iraq	2	9	2013
“Hardware Implementation of Artificial Neural Network for Data Ciphering”,	Tikrit Journal of Engineering Sciences	Iraq	2	23	2016

Conferences, scientific seminars and workshops in which I participated:

Research Title	Name of conference/seminar/workshop	Venue of the conference/seminar/workshop	Date
“Power consumption measurements of WSN based on Arduino”,	1st International Ninevah Conference on Engineering and Technology	Iraq	2021

Published books

Book Title	Publishing Institution	Year of Publication	Number of pages
“Network Processor as Embedded Wireless Intrusion Detection System: Review & Design Alternatives”.	VDM Publishing House	2011	150

Awards obtained:

Name of the award	The award granting institution	Date
- Best Published Book “Network Processor as Embedded Wireless Intrusion Detection System: Review & Design Alternatives” Top Ten best engineering books worldwide on Intrusion Detection Systems.	sanfoundry web site	2018

Courses(s) I have taught:

Course name (subject)	Academic year	University/ Institution
Computer science	2012-2013	University of Mosul
Microprocessor II	2018-2024	Ninevah University
Microcontroller	2018-2024	Ninevah University

Note: This CV has been updated until / / 2024