

MAHMOUD SHUKER MAHMOUD



Mahmoud.shukur@muc.edu.iq



<https://scholar.google.com/citations?user=YRYGOwYAAAAJ&hl=en>



<https://orcid.org/0000-0001-7211-8460>



<https://www.researchgate.net/profile/Mahmoud-Mahmoud-21>

Doctor of Philosophy in Computer Engineering and Specialist in Computer Networking and Technologies

Former Head of Computer Technology Engineering Department – Al-Mansour University College.

working as head of the information and communication technology department and director for Cisco, AWS, Microsoft, Oracle, EC-Council and VMWare IT Academies

EXPERIENCE

DATES FROM 2018 – TILL NOW

DIRECTORATE MANAGER, Al-Mansour University College, Cisco Academy (ASC/ITC) Manager
ICT Department Director and Regional Cisco Academy Manager, beside other international academies.

DATES FROM 2016 – 2018

UNIT MANAGER, Al-Mansour University College
ICT dept., International Academies Manager (Cisco, Microsoft, Oracle, VMWare IT Academies).

DATES FROM 2012 – 2018

HEAD OF THE DEPARTMENT, Al-Mansour University College, Computer Technology Engineering Department.

DATES FROM 2009 – 2012

RAPPORTEUR OF THE DEPARTMENT, Al-Mansour University College, Computer Technology Engineering Department

DATES FROM 2010 – 2011

EXTERNAL LECTURER, Al-Nahrain University, College of Information Technology.

DATES FROM 2000 – 2009

INSTRUCTOR, Al-Mansour University College, Department of Computer Science and Information Systems.

DATES FROM 1999 – 2000

EXTERNAL LECTURER, University of Technology, Department of Technical Education.

EDUCATION

FEBRUARY - 2007

PHD IN COMPUTER ENGINEERING, AL-NAHRAIN UNIVERSITY, IRAQ
Thesis Title (Development of High-Performance PC Clusters Computing System for Engineering Applications).

APRIL - 2000

MSC IN COMPUTER ENGINEERING, AL-NAHRAIN UNIVERSITY, IRAQ
Thesis Title (Real-Time Fault Diagnosis Based on Cerebellar Model Articulation Controller CMAC).

SEPTEMBER - 1999

BSC IN COMPUTER ENGINEERING, AL-NAHRAIN UNIVERSITY, IRAQ

SKILLS

- Qualified Trainer of Trainers (TOT) from Cisco Networking Academy to work at the Instructor Training Center (ITC).
- Getting Certificates in many Cisco Courses, including CCNA and CCNP.
- Good skills in working in many applications, simulators, and programming languages for computer and network hardware and software.

PUBLICATIONS

- Real Time Fault Diagnosis Based on Cerebellar Model Articulation Controller (CMAC) / College of Engineering Journal / Al-Nahrain University/ Vol. 5, No. 1, Nov. 2001.
- FPGA versus Subword Parallelism Implementations for a VQ Problem / Al-Mansour Journal/ Proceeding of the scientific conference Vol. 1 , No.14, Oct. 2009.
- Practical Computer Networking Book for 2nd year students in Vocational Education Ministry of Education, Computer and Information Technology Branch, 2012
- A study of efficient power consumption wireless communication techniques/ modules for internet of things (IoT) applications, Advances in Internet of Things Vol. 6, issue 2, page 19, 2016
- Novel Cooperative MAC Aware Network Coding Under Log-Normal Shadowing Channel Model in Wireless Body Area Network/ International Journal on Communications Antenna and Propagation, Vol. 9, issue 3, pages 198-206, 2019
- Energy harvesting Internet of Things health-based paradigm: Towards outage probability reduction through inter-wireless body area network cooperation, International Journal of

Distributed Sensor Networks, Vol. 15, issue 10, 2019

- Hybrid network coding and cooperative communication in WBAN, 2019 2nd International Conference on Engineering Technology and its Applications (IICETA)
 - Outage Probability Reduction through Inter-WBAN Cooperation, , 2019 2nd International Conference on Engineering Technology and its Applications (IICETA)
 - Integrating device to device network with internet of health things: Towards minimum power allocation, Bulletin of Electrical Engineering and Informatics, 2020
 - Transmission Mode Selection for Reliable Critical Data Transmission, 2020 3rd International Conference on Engineering Technology and its Applications (IICETA)
 - Energy Harvesting through Analog Network Coding for the Wireless Body Area Network, 2020 3rd International Conference on Engineering Technology and its Applications (IICETA)
 - Relay Selection Algorithm in Cooperative Communication System, 2020 3rd International Conference on Engineering Technology and its Applications (IICETA)
 - Extending Wireless Sensor Networks' Lifetimes Using Deep Reinforcement Learning in a Software-Defined Network Architecture, Academic Platform Journal of Engineering and Science, 2021
 - Automatic Detection of Vehicle Congestion by Using Roadside Unit, 2021 IEEE World AI IoT Congress (AlloT).
 - A Survey on Intrusion Detection Systems in Ad Hoc Networks Based on Machine Learning, 2021, IEEEExplor Digital Library, Modern Trends in Information and Communication Technology Industry (MTICTI).
 - A Structured Literature Review of Intent-Based Network for Future Networks, 2022, Journal of Optoelectronics Laser.
- RAPCHI: Robust authentication protocol for IoMT-based cloud-healthcare infrastructure, 2022, The Journal of Supercomputing.
 - Intent Arabic text categorization based on different machine learning and term frequency, 2022, IET Networks.

AWARDS, THANKS & APPRECIATION, AND PATENTS, IF ANY.

- Three letters of thanks and appreciation from the Minister of Higher Education and Scientific Research
- Letters of thanks from the Undersecretary of the Minister of Higher Education and the Director of the Research and Development Department in the Ministry, and the Scientific supervision and evaluation department.
- Medal of Scientific Excellence from the President of the Iraqi University
- More than 35 letters of thanks and appreciation from university presidents and deans of public and private colleges
- More than 40 letters of thanks and appreciation from the Dean of Al-Mansour University College



[HTTPS://WWW.FACEBOOK.COM/MAHMOUD.SHUKER](https://www.facebook.com/MAHMOUD.SHUKER)



[HTTPS://WWW.LINKEDIN.COM/IN/MAHMOUD-SHUKER-AA3ABB51/](https://www.linkedin.com/in/MAHMOUD-SHUKER-AA3ABB51/)