



MARWA J. MOHSIN

l e c t u r e r

CONTACT

PHONE:

EMAIL:

Marwa.jaleel@atu.edu.iq
Marwa.jaleel85@gmail.com
Marwa.jaleel@yahoo.com

Name: Marwa Jaleel Mohsin
Gender: Female
Nationality: Iraqi
Date of birth: 1/1/1985
Languages: Arabic(native)
English (Good)
Address: Iraq-Najaf
Status: Married
Specialize: Image processing,
Wireless communication,
Optical communication,
and DSP.

Google scholar: [Marwa Jaleel Mohsin](#)
Publons: [Marwa Jaleel Mohsin](#)
ResearchGate: [Marwa Jaleel Mohsin](#)
Scopus: [Marwa Jaleel Mohsin](#)
ORCID: [0000-0002-1785-0576](#)

Education:

- 2003-2006, Bachelor's degree in communication engineering techniques, Engineering technical college/Najaf , Al-Furat Al-Awsat technical university.
- 2012-2015, Master's degree in communication engineering, electrical engineering department, university of technology-Baghdad.
- 2019 outgoing, a Ph.D. candidate in electronic and communication engineering, electrical engineering department, University of Babylon.

Work experience:

Najaf technical engineering college, Al-Furat Al-Awset technical university,

Position-1

Duration: 2007-2008

Location: electrical lab

Scope of work: - Electricity Laboratory official
- lecturer in electricity lab for 1st stage communication and automobile technical engineering departments.

Position-2

Duration: 2009-2012

Location: electronic lab

Scope of work: - electronic Laboratory official
- lecturer in electronic lab for 1st, 2nd and 3rd stages communication technical engineering department.

Position-3

Duration: 2015-2018

Location: communication engineering techniques Department.

Scope of work: instructor for -computer application
-electronic
-communication security
-advances engineering mathematics

Position-4

Duration: 2019-outgoing

Location: laser and optoelectronic engineering techniques department.

Scope of work: instructor for electronic

Computer skills:

Computer skills:

- Microsoft office (word, excel, power point and outlook)
- MATLAB
- Opti-system

Establish Courses:

- Microsoft office for three weeks.
- Image processing using MATLAB for three days.

Participate conferences:

Participate conference:

- **Conference name:** the 2nd International Scientific Conference of Al-Ayen University.
Paper name: Enhancement throughput and increase security of image transmitted over wireless network using DNC.
- **Conference name:** MAICT conference, in IKC College, Baghdad, Iraq at 11-12 January 2020.
Paper name: Smart Digital Bi-Directional Visitors Counter Based on IoT.

Published papers

- **Conference name:** 1st International Conference on Advances in Engineering Science and Technology (AEST-2021). Babylon university.
- **Paper name:** Implements Methods for All optical orthogonal frequency division multiplexing.

published papers:

- **"A New Algorithm for a Steganography System"**
Journal name: Eng. &Tech.Journal, Vol.33, Part (A), No.8, 2015.
- **"Performance analysis of image transmission with various channel conditions/modulation techniques"**
Journal name: TELKOMNIKA Telecommunication, Computing, Electronics and Control, Vol. 18, No. 3, June 2020, pp. 1158~1168.
- **"Smart Digital Bi-Directional Visitors Counter Based on IoT"**,
Journal name: IOP publisher, Journal of Physics: Conference Series, 1530 (2020) 012018.
- **"Discrimination of ECG signal based on S-interpolation and Quantum Neural Network"**
Journal name: 'Annals of Tropical Medicine and Public Health, June 2020 Vol. 23 Issue 10.
- **Enhancement throughput and increase security of image transmitted over wireless network using (DNC).**
Journal name: IOP Conference Series: Materials Science and Engineering 928 (2), 022078.
- **Artificial intelligent smart home automation with secured camera management-based GSM, cloud computing, and Arduino.**
Journal name: Periodicals of Engineering and Natural Sciences 8 (4), 2160-2168.
- **Chaotic systems with pseudorandom number generate to protect the transmitted data of wireless network.**
Journal name: Indonesian Journal of Electrical Engineering and Computer Science 21 (3).