

# Curriculum Vitae (CV)

## 1. Personal Information

**Name:** Asst. Prof. Dr. Ali Hussein Wheeb

**Address:** Baghdad – Iraq

**Professional Position:** Associate Professor in College of Engineering at University of Baghdad.



**General Specialization:** Electrical & Electronic Engineering

**Specific Specialization:** Computer Engineering , UAV, AI.

**E - Mail:** a.wheeb@coeng.uobaghdad.edu.iq ,  
ali.h.wheeb@gmail.com.

**Language:** English, Arabic.

## 2. Education and Academic Degree

No	University Attend	Country	Degree/ Academic Position	Date
1	University of Baghdad	Iraq	<b>Associate Professor</b>	2022
2	UKM	Malaysia	<b>Ph.D</b> Dgree in Electreical, Electronic, and System Engineering	2024
3	University of Baghdad	Iraq	<b>M.Sc.</b> Degree in Computer Engineering	2014
4	University of Technology	Iraq	<b>B.Sc.</b> Degree in Control and Computer Engineering	2007

## 3. Research Profiles

**ResearchGate:** [https://www.researchgate.net/profile/Ali\\_Wheeb2](https://www.researchgate.net/profile/Ali_Wheeb2)

**Google Scholar:** <https://scholar.google.co.uk/citations?user=7O3wz-AAAAJ&hl=en&pli=1&user=T80fXVAAAAAJ>

**Scopus :** <https://www.scopus.com/authid/detail.uri?authorId=57196198313>

**WoS :** <https://www.webofscience.com/wos/author/record/989070>

ORCID: <https://orcid.org/0000-0002-8102-1043>

#### 4.Publication (20 Paper & Book with H-index=11 , i-10index=11)

No	Authors	Paper Title	Publisher	Date/Index
1	Ali H. Wheeb, Asma Abu Samah, Rosdiadee Nordin	Drone Network An Adaptive Routing Protocol	Penerbit UKM  Book	2025
2	Munsifa Firdaus Khan, Ali H. Wheeb, et al.,	Exploring the Future of Connectivity: A Comprehensive Review of Wireless and Optical Communications	CRC Press, Taylor & Francis Group  Book Chapter	2026
3	Ali H. Wheeb et al.,	Improvised spectral efficiency and channel estimation parameters in visible light vehicular communication by integrating Simulation of Urban Mobility data	IEEE Access	2025  IF= 3.4
4	Ali H. Wheeb  Munsifa Firdaus Khan	A Survey of Several Machine Learning (ML) Algorithms for Security Solution In Internet Of Things (IoT) Networks	Journal of Artificial Intelligence Research & Advances	2024  IF=1.84
5	Ali H.Wheeb  Fahimuddin Shaik  Shaik Karimullah	Two Purpose-Oriented RIS-Aided Schemes to Enhance and Evaluate the Performance of Wireless Communication	COJ Electronics & Communications	2024  IF=1.975
6	Shaik Karimullah  Ali H.Wheeb	Detection and Classification of Brain Tumor from MRI And CT Images using Harmony Search Optimization and Deep Learning	Journal of Artificial Intelligence Research & Advances	2024  IF=1.84
7	A. H. Wheeb, R. Nordin, A. A. Samah, M., Dimitris Kanellopoulos	Performance Evaluation of Standard and Modified OLSR Protocols for Uncoordinated UAV Ad-Hoc Networks in Search and Rescue Environments	Electronics, MDPI.	2023  WoS IF=2.69
8	Ali H. Wheeb  Marwa T. Naser	Implementation of RWP and Gauss Markov Mobility Model for Multi-UAV Networks in Search and Rescue Environment	International Journal of Interactive Mobile Technologies (IJIM)	2022  Scopus Citeseore=4.1

9	Ali H. Wheeb	Flying Ad hoc Networks (FANET): Performance Evaluation of Topology Based Routing Protocols	International Journal of Interactive Mobile Technologies (IJIM)	2022 Scopus Citescore=4.1
10	A. H. Wheeb, R. Nordin, A. A. Samah, M. et al.,,	Topology-Based Routing Protocols and Mobility Models for Flying Ad Hoc Networks : A Contemporary Review and Future Research Directions	Drones, MDPI.	2022 WoS IF=5.53
11	Ali H. Wheeb Nadia Adnan,	Performance Analysis of OLSR Protocol in Mobile Ad Hoc Networks	International Journal of Interactive Mobile Technologies (IJIM)	2022 Scopus Citescore=4.1
12	Ali H. Wheeb Marwa T. Naser	Simulation Based Comparison of Routing Protocols in Wireless Multihop Adhoc Networks	International Journal of Electrical and Computer Engineering (IJECE).	2021 Scopus Q2
13	Dimitris Kanellopoulos Ali H. Wheeb,	Simulated Performance of TFRC, DCCP, SCTP, and UDP Protocols Over Wired Networks	International Journal of Interdisciplinary Telecommunications and Networking, (IGI)	2020 WoS
14	Ali H. Wheeb, Dimitris Kanellopoulos	Simulated Performance of SCTP and TFRC Over MANETs: The Impact of Traffic Load and Nodes Mobility	International Journal of Business Data Communications and Networking ,(IGI).	2020 WoS Scopus Q2
15	Ali H. Wheeb, Ameer Morad Maad Issa	Performance Evaluation of Transport Protocols for Mobile Ad Hoc Networks	Journal of Engineering and Applied Sciences 13 (13): 5181-5185, 2018	2018 Scopus Q2
16	Ali H. Wheeb	Transmission Rate Control in Wireless Multimedia Sensor Networks	Noor Publishing	2017 Book
17	Ali H. Wheeb	Performance Evaluation of UDP, DCCP, SCTP and TFRC for Different Traffic Flow in Wired Networks	International Journal of Electrical and Computer Engineering (IJECE).	2017 Scopus Q2
18	Ali H. Wheeb	Performance Analysis of VoIP in Wireless Networks	International Journal of Computer Networks and Wireless Communications.	2017

19	Ali H. Wheeb	Performance Comparison of Transport layer Protocols	International journal of Advanced Research in Computer Science and Software Engineering.	2015
20	Nadia Adnan, Ali H. Wheeb	Priority Based Transmission Rate Control with Neural Network Controller in WMSNs	Journal of Engineering	2014

## 5. International Conferences :Chair, Scientific, organization, and TPC Committee Member of (more than 50 conferences)

No	Conference	Role	Date & Place
1	Annual International Congress on Electrical Engineering	Scientific Committee	2024, UK
2	4 <sup>th</sup> International Conference on Internet Technology and Educational Informatization (ITEI 2024)	Chair of TPC	2024, Malaysia
3	3 <sup>rd</sup> International Conference on Information Economy, Data Modeling and Cloud Computing (ICIDC 2024)	Chair of publication	2024, China
4	3 <sup>rd</sup> International Academic Conference on Blockchain, Information Technology and Smart Finance (ICBIS 2024)	Chair of Publication	2024, Malaysia
5	3 <sup>rd</sup> International Conference on Digital Economy and Computer Application (DECA 2023 )	Chair of Publication	2023, China
6	2 <sup>nd</sup> International Conference on Digital Economy and Computer Application (DECA 2022)	Chair of Organization	2022, China
7	International Confernece Smart Education, Health and ICT	TPC	Uk, 2022
8	4 <sup>th</sup> International Conference on Machine Learning & Applications (CMLA 2022)	TPC	Denmark,2022
9	8 <sup>th</sup> International Conference on Signal, Image Processing, and Embedded Systems	TPC	Switzerland,2022

## 6.Reviewer (Review more than 785 Paper ,Book, and Study)

No	Journal	Publisher
1	Telecommunication Systems	Springer Nature
2	Wireless Personal Communications	Springer Nature
3	Complex & Intelligent Systems	Springer Nature
4	Multimedia Tools and Applications	Springer Nature
5	International Journal Of Business Data Communications And Networking	IGI
6	Computer Network	Elsevier
7	Ad Hoc Networks	Elsevier
8	Computer Standards & Interfaces	Elsevier
9	IEEE Global Communications Conference	IEEE
10	IEEE Access	IEEE

## 7.Editorial Board Member & Associated Editor .

No	Journal	Date
1	International Journal Of Interdisciplinary Telecommunications And Networking (IGI)	2025
2	International Engineering Journal For Research & Development	2021
3	International Journal of Computer Science	2022
4	Acta Scientific Computer Science	2022
5	Journal of Mobile Computing, Communications & Mobile Networks (STM)	2023
6	Journal of Artificial Intelligence Research & Advances (STM)	2024

## 8. Supervisor: (10 Projects)

No.	year	Title
1	2026	Implementation of UAV for Healthcare Application
2	2026	UAV based Environmental Monitoring system
3	2025	UAV for Crop Monitor in Agricultural Application
4	2025	UAV Package Delivery For Commercial Application
5	2024	Build UAV for Agriculture Mission
6	2023	Data Communication over UAV Network in Smart City
7	2022	Design and implementation of Path Following Drone.
8	2022	Study the effect of mobility models on the performance of Drone Networks.
9	2019	Line Following Collision Avoidance Robot
10	2018	Comparative Study of Transport Layer protocols on Wired Network using NS-2

## 9. University Teaching (Experience from 2014 - 2026)

No.	Material	Year
1	UAV Network and Communication	2022-2026
2	Programming Language C++	2020-2026
2	Programming MATLAB	2016-2026
3	Computer Fundamental	2018-2026
4	Network and Simulation	2014-2016
6	Digital Control	2018-2020
7	Visual Basic	2018-2019
8	Internet Technology	2014-2016

## 10.Awards and Certificates of Appreciation

No	Name of Awards or Certificate	Donor	Year
1	Draduate of Time (GoT)	UKM University	2024
2	High citation paper	WoS for Drone journals in 2022-2023	2023
3	YOUNG SCIENTIST AWARD	International Scientist Awards 2022 On Engineering, Science and Medicine	2022
4	Letter of Appreciation	Minster of Higher Education and Scientific Research	yearly
5	Letter of Appreciation	President of Baghdad University	yearly
6	Letter of Appreciation	Vice President of Baghdad University	yearly
7	Letter of Appreciation	Dean of College of Engineering	yearly

## 11.Training, Course, and Certificates

No.	Certificate	Place	Date
1	TOT	International Union of Creators	2022
2	Publons Academy Peer Reviewer	Publons Academy	2020
3	Research smarter with Web of Science and EndNote	Web of Science Group	2020
4	TOFEL ITP	ETS	2020
5	Predatory Journals and a Guide to Successful Publishing in Indexed Journals	IIE	2017
6	Preparation Course for The TOEFL	Education Center at University of Baghdad	2010
7	IC3 Standard Computing Fundamentals ,Key Applications ,Living Online	Computer center at University of Baghdad	2010
8	ArcGIS Desktop Level 1, 2, 3	ESRI	2009

## **12.Memberships**

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- Member of Asian Council of science Editors (ACSE).
- Quarterly Franklin Membership of London Journals Press.
- Member of Iraqi Engineer Union as Consult.
- Member of European Alliance for Innovation (EAI).
- Member of American Institute of Aeronautics & Astronautics( AIAA) .

## **13.Volunteer Works & Community Service**

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- YouTube Education channel for Lectures & scientific research  
[https://www.youtube.com/channel/UC7zloNlnEIS88kdXZqE8ZQ?view\\_as=subscriber](https://www.youtube.com/channel/UC7zloNlnEIS88kdXZqE8ZQ?view_as=subscriber)
- Coach of the football team in 2020 at the College of Engineering – University of Baghdad.
- Volunteer on many art and cultures events inside and outside the university.