

Curriculum Vitae

1. General Information:

Ali Khalid Jassim, PhD

Assistant Professor

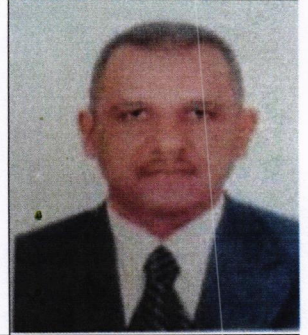
College of Engineering, Al Mustansiriyah University

Iraq-Baghdad Dis.323/ St.13/ H.N.20/1

Mobile: +9647709361142

E-mail: alijassim79@yahoo.com; alijassim238@gmail.com

alijassim@uomustansiriyah.edu.iq



2. Education:

No.	Diploma	College	Country
1	B.Sc. In Electrical Engineering	Mustansiriyah University-College of Engineering	Iraq-Baghdad
2	M.Sc. In Electrical Engineering / Electronics and Communication	Mustansiriyah University-College of Engineering	Iraq-Baghdad
3	PhD In Communication	Mustansiriyah University-College of Engineering	Iraq-Baghdad

3. Professional Experience:

N	Aspect
1	Supervisor of several MSc thesis and final year projects in Electrical Engineering and Telecommunications and Electronics.
2	Panel discussion, Scientific and linguistic evaluation of several master's thesis
3	Internet & Computing Core Certification (IC3) professional with an average score of 886 in 2012 at the University of Mustansiriyah / computer center.
4	Passing the TOEFL ITP test with a total score of 453 in 2011 in the Academic Center.
5	Consultations and designer of several construction projects, electrical and telecommunication designs and designs stations send and receive radio.
6	Taught specialized training courses in the Continuing Education Center at the College of Engineering.
7	Convener of College of Engineering Board.

1

الإستاذ الكرامد الدكتور
علي جبار كاسم
معاون العميد
للشؤون العلمية والدراسات العليا

عقون محسن علي
رئيس قسم الهندسة الكهربائية

4. Employment:

No.	Position
1	Administrative Supervisor and Lecturer in (Logic, Electronic, and Matlab) Laboratory in Mustansiriyah University/ Electrical Engineering Department.
2	Administrative Supervisor and Lecturer in (Electrical Circuits, Microprocessor, and Antenna) Laboratory in Mustansiriyah University/ College of Engineering/ Electrical Engineering Department.
3	Taught several courses at Mustansiriyah University/ College of Engineering/ Electrical Engineering Department like Mathematics, Communication, Digital Electronic, Electric circuit, etc.
4	Convener of College of Engineering Board.

5. Skills, Teaching Activities & Software Knowledge:

1. Computer
 - Matlab software package
 - Microsoft Office (Word, Excel, PowerPoint)
2. Digital Electronic.
3. Digital Signal Processing (DSP).
4. Electrical Circuits.
5. RF. Communications.
6. Antenna and microwave propagation.

6. Published Papers:

Continuous and Published papers in the Communication and Electronic fields are as follows:

1. Design selective band antenna using coupling sidewall and multi resonator for wireless communications, AK Jassim, AF Fahad, Bulletin of Electrical Engineering and Informatics 9 (5), 2206-2212
2. Compact 3x1 Elements Reconfigurable MIMO Antenna for Cognitive Radio Applications, AA Jabber, AK Jassim, RH Thaher, IOP Conference Series: Materials Science and Engineering 881 (1), 012148.
3. Compact reconfigurable PIFA antenna for wireless applications, AA Jabber, AK Jassim, RH Thaher, Telkomnika 18 (2), 595-602
4. Image denosing in underwater acoustic noise using discrete wavelet transform with different noise level estimation, AJ Yasin Yousif Al-Aboosi, Radhi Sehen Issa TELKOMNIKA Telecommunication, Computing, Electronics and Control 18 (3)
5. Design And Analysis Microstrip Antenna With Reflector To Enhancement Gain For Wireless Communication, RHT Ali Khalid Jassim, Bulletin of Electrical Engineering and Informatics 9 (2)

6. Design and Analysis of UWB Microstrip Antenna for Wireless Communication Systems. AK Jassim, Mustansiriyah University/ College of Engineering
7. Enhancement gain of broadband elliptical microstrip patch array antenna with mutual coupling for wireless communication, AK Jassim, RH Thaher, Indonesian Journal of Electrical Engineering and Computer Science 13 (1)
8. Design and analysis of broadband elliptical microstrip patch antenna for wireless communication ,AK Jassim, RH Thaher, TELKOMNIKA Telecommunication Computing Electronics and Control 16 (6), 2492-2499
9. Design of MIMO (4x4) Broadband Antenna Array for mm-wave Wireless Communication Applications ,RHT Ali Khalid Jassim, International Journal of Electrical and Computer Engineering (IJECE)
10. Enhancement Gain of broadband Elliptical Microstrip Patch Array Antenna with Mutual Coupling for Wireless Communication, RHT Ali Khalid Jassim, International Journal on Communications Antenna and Propagation (IRECAP)
11. Improving of STBC-OFDM systems by Concatenated Codes for LTE Networks.AJA Ali Khalid Jassim, Malik jasim, Journal of College Al-Turath University
12. Performance of Multiuser Interference using Pulse Amplitude Modulation with Time Hopping for Ultra Wideband, MJF Ali Khlaid Jassim, International Journal of Electronics, Communication & Instrumentation ...
13. Increment Compression and Security of JPEG Images Using Steganography System Based on DCT. AK Jassim, Journal of College Al-Turath University
14. The Optimality Effectiveness of Signal Amplitude on Synchronizations Using Cascading of Chaotic System. AK Jassim, Journal of Engineering and Sustainable Development 18 (4), 111-123
15. Effect of embedded Pd microstructures on the flat-band-voltage operation of room temperature ZnO-based liquid petroleum gas sensors, GM Ali, CV Thompson, AK Jasim, IM Abdulbaqi, JC Moore, Sensors 13 (12), 16801-16815.
16. Implementation Of A Recursive Data Of Adaptive QRD-RLS Algorithm Using HDL Coder, MH Wali, MH Ali, AK Jassim, Journal of Engineering and Sustainable Development 17 (5), 80-91
17. A Mathematical Model for Designing a Multiple MTI Filter Using MIMO Radar Signals W Khalid, AK Jassim, Int. J. Contemp. Math. Sciences 5 (51), 2537-2545
18. Analysis of Adaptive Antenna System using Rabid Euclidean Direction Search (REDS) Method for Different Antenna Geometry, Ali Khalid Jassim, Aseel K. and Adheed H. Sloomi, Bulletin of Electrical Engineering and Informatics Vol.10, No.2, 2021

7. Books and Chapters/ under preparation

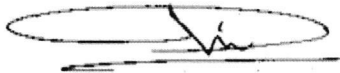
- 1- The Health and Environmental Effects of Electromagnetic Waves
(In Arabic) ISBN:978-9922-20-560-1
- 2- Reflectarray Designed Double and single layer (under preparation).

8. Practical experience:

Work in the Engineering Advising Office at the Faculty of Engineering / University of Mustansiriyah / Baghdad - Iraq within the work teams as a consultant engineer and engineer designed for electrical work in the following projects:

1. Oil Institute in Kirkuk.
2. The entertainment center in Kut city.
3. Four sports courts in the city of Kut.
4. School deaf and dumb in the city of Kut.
5. Electrical works for Al Muwaffaqiyah sewage project (including pumping stations and treatment plants for heavy and light water).
6. Electrical works for a Kafaat sewerage project in Kut (including pumping stations and treatment plants for heavy and light water).
7. Electrical works for the project of vertical pumping stations in Kut.
8. Administration building of the Social Welfare Department in Maysan.
9. Electrical works for the Maysan sewage project (including pumping stations and treatment plants for heavy and light water).
10. The entertainment club of the internal security forces in Kut.
11. Olympic swimming pool in Diyala.
12. Electrical designs of the vocational training and rehabilitation center in Diwaniyah.
13. Electrical designs of Al-Hayderiyh and AL Khayrat plants to pump raw water to the gas generating stations.
14. The complete electrical designs of the specialized center for ophthalmology in Al-Qadisiyyah Governorate.
15. Electrical designs for specialist (vocational) economics for the Ministry of Education.
16. Electrical designs of the Faculty of Physical Education at Mustansiriyah University.

17. Electrical designs for the building of the commercial center in the municipalities for the Municipality of Baghdad.
18. Electrical designs for the building of the laboratory of inspection and testing / General Company for electronic systems.
19. Electrical designs for the building of the Cultural Center in the north of Basrah in favor of the Martyrs Foundation.
20. The electrical designs of the building of the Martyrs Foundation in Baghdad The building are two floors.
21. Electrical designs of the personal status building in the district of Ali Gharbi - Maysan.
22. Electrical design of the building for people with special needs in Baghdad for the benefit of the Martyrs Foundation.
23. Electrical designs for the building of the Martyrs Foundation in Kirkuk for the benefit of the martyrs.
24. Electrical designs for the building of Cairo police station in Baghdad for the benefit of the Ministry of Interior.
25. Auditing the electrical designs of Tarmiyah swimming pool.
26. Auditing the electrical designs of the residential complex in Ghazaliya.
27. Checking the electrical designs of the rainwater and sewage lifting and withdrawal stations to Babylon Governorate.
28. Examination and approval of the technical specifications of electric poles for Al Muthanna Governorate electricity projects.
29. Installing and operating 32KVA secondary electrical stations to Al Madain city.



Name: Asst. Prof. Dr. Ali Khalid Jassim
College of Engineering Mustansiriyah University