

CV



Name: *Dr. Lwaa Faisal Abdulameer*

DOB: 22/9/1976

General Specialization: *Electrical Engineering*

Specific Specialization: *Communication Engineering*

Scientific Degree: *Assistant Professor*

Current Position: *Lecturer in Information and Communication*

Engineering Department

- *Previous positions: Head of Quality Assurance – AlKhwarizmi Engineering College (2014-2017)*
- *Head of Information and Communication Engineering Department (2017-2020)*

Languages: *Arabic and English*

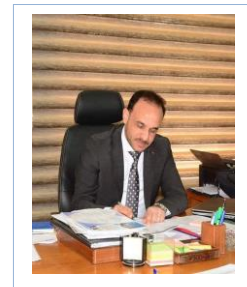
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Google scholar:

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

Research Gate:

https://www.researchgate.net/profile/Lwaa-Abdulameer?ev=hdr_xprf&_sg=kmP2BudtNreYnEfHhIf-sZGgdhQsoJIdHhfMaJTjNjufCZ6yq1hilYq82-RUuw18xCRdxYdnCtP4hSJNA_y52Py



■ First: Scientific Certification:

No.	Certificate	Country	University	College	Date
1	B.Sc.	Iraq	University of Technology	Electrical Engineering Department	1999
2	M.Sc.	Iraq	University of Technology	Electrical Engineering Department	2004
3	PhD	India	National Institute of Technology Karnataka	Electronics and Communication Engineering	2014

■ Second: Thesis Supervised By:

No.	Research Title	Branch	M.Sc. / PhD.	Year
1	PERFORMANCE IMPROVEMENT OF MULTIUSER MIMO WIRELESS COMMUNICATION SYSTEMS	Electrical and Computer Engineering/ ALTINBAS UNIVERSITY/Turkey	MSc	2019-2020
2	Performance Analysis for Hybrid Massive MIMO FSO/RF Links Based on Efficient Channel Codes	Information and Communication Engineering/University of Baghdad	MSc	2020-2021

■ Third: Conferences Participated In:

No.	Conference Title	Year	Place	Participation Type
1	Conference-College of Engineering-Babylon University	2009	Babylon University	Researcher
2	International Conference on Radar, Communication and Computing (ICRCC)-IEEE	2012	India	Researcher
3	International Conference on Communication and Electronics System Design	2013	India	Researcher
4	International Conference on Communication and Electronics System Design	2013	India	Researcher

No.	Conference Title	Year	Place	Participation Type
5	International Conference on Computing Sciences and Engineering (iccse2018)	2018	Kuwait	Researcher
6	International conference of Information and Communication Technology (ICICT2019)	2019	Iraq	Researcher
7	2nd-International Scientific Conference of Engineering Sciences - 4th Scientific Conference of Engineering Science (ISCES 2020)		Iraq	Researcher

■ Fourth: Research Projects in The Field of Specialization Concerning Environment & Society or the Development of Education:

No.	Research Title	Place of Publication	Year
1	Quality assurance	Iraq	2018

■ Fifth: Membership:

No.	Name of Group	Year	Membership Type
1	ACM	2018	member
2	Science Publishing group	2016-2019	Editorial board

■ Sixth: Scientific Activities:

No.	Activity Type ¹	Activity Place	publisher	Year	(in/out) College
1	Reviewer	IEEE transaction of communication	IEEE	2015	Out/USA
2	Reviewer	IEEE ACCESS	IEEE	2016-YET	Out/USA
3	Reviewer	International Journal of Electronics (IJE)	Taylor & Francis	2015-YET	Out/UK
4	Reviewer	Journal Journal of Ambient Intelligence and Humanized Computing (AIHC)	Springer	2018-YET	Germany
5	Reviewer	Telecommunication Engineering	Springer	2018-YET	Netherlands



■ Neventh: Published Researches in/out Iraq:

ت	عنوان البحث	المجلة العلمية	العدد	المجلد	جهة إصدار المجلة
1	Implementation of Programmable Pulse Timing Modulation on FPGA	(KAJ)Kurdistan Academicians Journal	7	8 (1)	Sulymania University
2	Implementation of Digital Chaotic Signal Generator Based on Reconfigurable LFSRs for Multiple Access Communications	Australian Journal of Basic and Applied Sciences	4	7	Australia
3	Implementation of Digital Chaotic Signal Generator with an Efficient Cross-Correlation in Wireless Communications	International Journal of Advancements in Computing Technology	1	1	South Korea
4	BER Performance Enhancement for Secure Wireless Optical Communication Systems Based on Chaotic MIMO Techniques	Nonlinear Dynamics, An international Journal of Nonlinear Dynamics and Chaos in Engineering Systems	1-2	75	Springer-Netherlands
5	BER Performance Enhancement for Secure Wireless Communication Systems based on DCSK- MIMO Techniques under Rayleigh Fading Channel	Radioelectronics and Communications Systems	10	56	Springer-Ukraine
6	Anti-Jamming Performance of Communication Systems based on Chaotic Modulation and MIMO Schemes over AWGN Channels	European Journal of Scientific Research	4	102	European

ت	عنوان البحث	المجلة العلمية	العدد	المجلد	جهة إصدار المجلة
7	BER Performance Improvement for Secure Wireless Communication Systems Based on CSK-STBC Techniques	International Conference on RADAR, Communication and Computing (IEEE)			India
8	BER Performance Enhancement for Secure Wireless Communication Systems based on Chaotic- MIMO Techniques	SPIE, International conference on Communication and Electronics System Design			India
9	On the Security of Free Space Optics based on Reconfigurable Chaotic Technique	SPIE International Conference on Communication and Electronics System Design			India
10	Complexity Exponent Measurement for Detection of MIMO Signals	International Journal of Advancements in Computing Technology(IJACT)	5	6	South Korea-2014
11	CSK based STBC-CDMA System: Design and Performance Evaluation	مجلة اتحاد الجامعات العربية/كلية الهندسة/جامعة بغداد	1	24	Iraq -2017
12	Comparison between Epsilon Normalized Least means Square (epsilon –NLMS) and Recursive Least Squares (RLS) Adaptive Algorithms	2018 international conference on computing science and engineering (ICCSE)			Kwait-2018
13	Performance Analysis of FSO under Turbulent Channel Using OSTBC	Performance Analysis of FSO under Turbulent Channel Using OSTBC	2	3	Iraq-2018

ت	عنوان البحث	المجلة العلمية	العدد	المجلد	جهة إصدار المجلة
14	Hybrid LDPC-STBC communications system based on chaos	International conference of information and communication technology			Iraq-2019 (ACM)
15	Optical Power Distributions for 4x 4 MIMO Visible Light Communications in Indoor Environment	JOURNAL OF INFORMATION SYSTEMS AND TELECOMMUNICATION (JIST).	3	8	Iran
16	On the Performance of All Optical Wireless Communications Based on Optical Nonlinear Generators	College of Engineering/University of Diyala	2	13	Iraq
17	SINR and Capacity Analysis for Multiuser MIMO Interference Channels	2nd International Scientific Conference of Engineering Sciences (ISCES 2020)	1	1076	Iraq (IOP Conf. Series: Materials Science and Engineering)
18	Performance Analysis for Hybrid Massive MIMO FSO/RF Links Based on Efficient Channel Codes	<i>International Journal of Intelligent Engineering and Systems</i>	6	14	Intelligent Networks and Systems Society