



Curriculum Vitae of a faculty member

1. Personal information

Name	Ammar Abdul-Hamed Khader
Academic Degree	Ph.D.
Job Title	Lecturer
General Major	Electrical Engineering/ Electronics & Communication
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2. Qualifications

Degree	Date of Graduation	Name of university	Country	Major
Doctorate	15-10-2015	Jamia Millia Islamia	India	Communication Engineering
Master	5-4-2004	University of Technology	Iraq	Electronics & Communication Engineering
Bachelor	3-7-1993	Mosul	Iraq	Electrical Engineering/ Electronics & Communication

3. Experiences

Employment	Job Title	Period
1	Assistant Lecturer then Lecturer in Computer Engg. Depart.	2004 - 2011
2	An administrator of Communication Labs for 3 rd class and 4 th class in same departmen	2004 - 2011
3	Tutorial lecturer for “ Digital Communication and Data Transmission ” subject.	2005-2006
4	Teaching the “ Digital Communication and Data Transmission ” subject for 3 rd class in same department.	2007-2010
5	Member of Examination committee.	2007-2010
6	Deputy head in same department.	2008-2009
7	Ph.D. scholarship in Indi / New Delhi.	2011-2015
8	Teaching “ Fundamentals of Digital System ” subject for 1 st & 2 nd class, and “ Mathematics ” subject for 2 nd class in Computers Engineering and Mechatronics Engineering Dept. Mosul University.	2015-2016
9	Member of Examination committee.	2015-2017
10	Teaching “ Fundamentals of Digital System ” subject for 1 st & “ Digital Communication and Data Transmission ” for 3 rd class , and Deputy head in same department.	2016-2017

4. Researches & Scientific activities

1	1- Paper in <i>ACIT Nov. 2007, Lattakia, Syria</i> , (Epoch Time Estimation of Frequency Hopping Signal).
2	Paper in <i>IEEE explore - April 2008</i> , (Comparison and Investigation of

	Hopping Rate Estimation Processes).
3	Paper in <i>Al-Mansor Journal, Special Vol., No.14, 2010, Al-Mansor College, Baghdad, Iraq</i> , (Spectrum Estimation of Frequency Hopping Signal).
4	Paper in <i>Al-Rafidain Engineering, Vol.18, No.5, Oct. 2010, Mosul, Iraq</i> , (Enhanced Performance of FH Detection System Using Adaptive Threshold Level).
5	Paper in <i>Al-Rafidain Engineering, Vol.20, No.1, Feb. 2012, Mosul, Iraq</i> , (Matlab Simulation Design and performance Comparison of OFDM & FH-OFDM Systems).
6	Paper in <i>International Journal of Distributed and Parallel Systems Vol. 3, No. 4, 2012, India</i> , (Survey of Down Link Data Allocation Algorithms in IEEE 802.16 WiMAX).
7	Paper in <i>European Journal of Scientific Research, Vol. 100, No. 3, March 2013, United Kingdom</i> , (Spectrum Sensing of Cognitive Radio: A Survey).
8	Paper in <i>European Journal of Scientific Research, Vol. 101, No. 2, May 2013, United Kingdom</i> , (Adaptive Burst Allocation Algorithm for IEEE 802.16 WiMAX).
9	Paper in <i>American Journal of Scientific Research Issue 89, May 2013, United Kingdom</i> , (Joint Detection and Discrimination of CDMA2000, WiMAX and Frequency Hopping Signals).
10	Paper in <i>International Journal of Signal Processing Systems, Dec. 2013, United State of America</i> , (Spectral Management of Multiple Wireless Signals Based Cognitive Radio).
11	Paper in <i>Advance in Intelligent System and Computing, Vol. 264 May, 2014, Chapter of Book in SPRINGER</i> , (Bouncy Detector to Differentiate Between GSM & WIMAX Signals).
12	Paper in <i>IEEE explore and International Journal of Networking and Communication</i> ”, July 2014, <i>Kingdom Saudi Arabia</i> , (A Novel Utilization of Hop

	Rate Detector to Differentiate Between Signals in Noisy Environment”
13	Paper in <i>Advance in Intelligent Informatic, Vol. 320, 2015, Chapter of Book in SPRINGER</i> , (The Exploitation of Unused Spectrum for Different Signal’s Technologies).
14	Paper in <i>Theory and Applications of Applied Electromagnetic, Vol. 344, 2015, Chapter of Book in SPRINGER</i> , (Improve the Performance of Cooperative Spectrum Sensing Using Hopping Sequence Scheme).
15	Paper in <i>Procedia Computer Science, Vol. 58C, pp. 34-42, 2015, Elsevier</i> , (Cooperative Spectrum Sensing Improvement Based on Fuzzy Logic System).
16	Paper in <i>Procedia Computer Science, Vol. 58C, pp. 161-170, 2015, Elsevier</i> , (Dual-band Band-pass Filters Based on Metallic Via Holes).
17	Paper in <i>International Journal of Engineering and Innovative Technology (IJEIT), Vol. 7, Issue 10, April 2018, "Wearable Circuit in Plastic (CiP) Optical Transmitter for Health and Sport Appliations"</i>
18	Paper in <i>International Journal of Electrical Electronics & Computer Science Engineering, "Cognitive Radio: An Intelligent Wireless Communication System: A Survey", Vol. 6, Issue 1, Feb. 2019</i>
19	Paper in, International Journal of Computing and Digital Systems , Vol. 8, Issue 4, Jul. 2019, (A Novel Hierarchical Fuzzy Systems Based Cooperative Spectrum Sensing and Opportunistic Spectrum Access Techniques).

Books

5. Scientific Conferences

Dates	Conference Names	No.
Nov. 2007	ACIT, Lattakia, Syria	1
Apr. 2008	ICTTA08 Damascus, Syria	2
Nov. 2008	IECS08 Aleppo, Syria	3

Oct. 2009	MUCCONF10 Al-Mansor College, Baghdad, Iraq	4
Oct. 2012	International Conference on Communications & Electronics ICCE-12, Gaziabad, India	5
Jan. 2013	International Conference on Reliability Infocom Technology and Optimization (ICRITO) , Noida, India	6
Dec. 2013	International Conference on Network, Communication and Computing (ICNCC), Kuala Lumpur, Malaysia	7
Jan. 2014	World Congress on Computer Applications and Information Systems (WCCAIS'2014), Tunisia	8
Nov.2014	IEEE International Conference on Aerospace Electronics and Remote Sensing Technology (ICARES 2014). Indonesia	9

6. Training courses for faculty members .

	Training program name	Date
1	Teaching Methods Course	1-10-2002
2	English language skills development course	3-4-2007
3	A course in developing computer use and software	6-4-2009
4	MIMO-OFDM	1-12-2012
5	Cognitive Radio Aspects	10-11-2013

- Master's and Doctoral theses which he supervised

	Researcher name	Thesis title	Reg. date
1	Zozan AZeez Ayob	Cognitive Radio and Spectrum Sensing for Future IoT	16-9-2018
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- **Theses which he discussed**

	Researcher name	Thesis title	date
1	Abdul-Qader Faris	Weighing Signal Error Reduction	12-11-2020
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