

السيرة الذاتية للدكتور أوس زهير يونس الاشقر



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اللقب العلمي: أستاذ مساعد في تخصص هندسة الاتصالات

مكان العمل: كلية هندسة الالكترونيا- جامعة نينوى

المؤهلات العلمية:

1. بكالوريوس في هندسة الحاسبات (Computer Engineering) – الموصل-العراق (2003).
2. ماجستير في الهندسة الالكترونية – كلية الهندسة - جامعة تون حسين الماليزية (2011).
3. دكتوراه في الهندسة الالكترونية – كلية الهندسة- جامعة تون حسين الماليزية (2013).

التدريسات والمواد العلمية الاكاديمية

تم تدريس المواد التالية في قسم هندسة الاتصالات – كلية هندسة الالكترونيا- جامعة نينوى

1. مواد المرحلة الأولى (جامعة نينوى)
 - Logic circuits tutorials
 - Logic circuits Laboratory
 - Computer Science Laboratory (C,C++)
2. مواد المرحلة الثانية (جامعة نينوى)
 - Electronic Laboratory
3. مواد المرحلة الرابعة (جامعة نينوى)
 - Satellite Communication
 - Data Transmission and Computer Networks
4. مواد الدبلوم العالي (جامعة الموصل)
 - Advance Electronics
5. مواد الماجستير (جامعة نينوى)
 - Data Communication and Computer Networks
 - Advanced Microprocessor
 - Digital Communication
 - Advanced Microprocessor

المؤلفات والاوراق البحثية المنشورة

1	Ahmad, K. S. and Yonis, A.Z. (2013). Miniaturized Hybrid Ratrace Coupler of a 2.5 GHz Loaded by Resistors. <i>Journal of Networks (JNW)</i> , academy publisher, Vol. 8, No 7, pp. 1465-1469, USA. (SCOPUS)
2	Yonis, A.Z. and Abdullah, M.F.L. (2013). A Novel LTE-Advanced Carrier Aggregation with Higher Throughput. <i>International Journal of Smart Home (IJSH)</i> , Science & Engineering Research Support soCiety (SERSC), Vol. 7, No. 3. Australia. (SCOPUS).
3	Ghanim, M.F. and Abdullah, M.F.L. and Yonis, A.Z. (2013). Software Implementation and Comprehensive Performance of Uplink Channel on Mobile 4th Generation Technology. <i>International Journal of Smart Home (IJSH)</i> , Science & Engineering Research Support soCiety (SERSC), Vol.7, No.3. Australia. (SCOPUS)
4	Yonis, A.Z. (2019). Performance Analysis of IEEE 802.11ac based WLAN in Wireless Communication Systems. <i>International Journal of Electrical and Computer Engineering (IJECE)</i> , Vol. 9, No. 2, pp. 1131-1136. Indonesia. (SCOPUS).
5	Yonis, A.Z. (2019). Evolution of Millimeter-Wave Communications toward next Generation in Wireless Technologies. <i>TELKOMNIKA (Telecommunication, Computing, Electronics and Control)</i> , Vol.17, No.6, pp.3161~3167. Indonesia. (SCOPUS).
6	Yonis, A.Z. (2020). Effect of increasing the network capacity using device-to-device technology for next generation networks. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , Vol. 17, No. 1, pp. 303-309. Indonesia. (SCOPUS).
7	Yonis, A.Z. (2020). Influence of low power consumption on IEEE 802.15.4 in wireless networks performance. <i>Bulletin of Electrical Engineering and Informatics</i> , Vol. 9, No. 1, DOI: 10.11591/eei.v9i1.1678. Indonesia. (SCOPUS).
8	Yonis, A.Z. (2021). Design and simulation of smart wireless devices using SCMA technology . <i>Journal of Engineering Science and Technology (JESTEC)</i> , Volume 16, Issue 4. Malaysia. (SCOPUS).
9	Naktal, N.Z., Yonis, A.Z. and Mohammed, K.K. (2021). Performance improvement of fractional N-PLL synthesizers for digital communication applications. <i>TELKOMNIKA (Telecommunication Computing Electronics and Control)</i> , Volume 19, Issue 6, Indonesia. (SCOPUS).
10	Alsharefi, R.S., Yonis, A.Z. , and Mohammed, K.K. (2022) .High Speed Sigma Delta A/D Converter for Digital Communication Systems. <i>Journal of Engineering Science and Technology (JESTEC)</i> , Volume 17, Issue 2. Malaysia. (SCOPUS).
11	Yonis, A.Z. and Mohammed, K.K. (2022). Investigation of pattern division multiple access technique in wireless communication networks . <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , Volume 26, Issue 1, Indonesia. (SCOPUS).
12	Nafiaa, R.E. and Yonis, A.Z. (2022). Magnetic Resonance Coupling WPT for Green Technologies. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , Volume 26, Issue 1, Indonesia. (SCOPUS).

13	Yonis, A.Z. and Abdullah, M.F.L. (2012). Effective Carrier Aggregation on the LTE-Advanced Systems. International Journal of Advanced Science and Technology (IJAST), Vol. 41, pp. 15-26, Korea.
14	Yonis, A.Z. and Abdullah, M.F.L. (2012). Design and Implementation of Intra band Contiguous Component Carriers on LTE-A. International Journal of Computer Applications (0975 – 8887) Volume 41– No.14 (Impact factor 0.835), DOI: 10.5120/5609-7877, ISBN: 973-93-80866-82-1, Published by Foundation of Computer Science, New York, USA.
15	Yonis, A.Z. and Abdullah, M.F.L. (2012). Peak-Throughput of LTE-Release 10 for Up/Down Link Physical Layer. International Journal of Information & Network Security (IJINS) Vol.1, No.2, pp. 88-96 ISSN: 2089-3299, official publication of the Institute of Advanced Engineering and Science (IAES), Malaysia.
16	Yonis, A.Z. and Abdullah, M.F.L. (2012). Uplink and Downlink of LTE-Release 10 in Cellular Communications. International Journal of Informatics and Communication Technology (IJ-ICT) Vol.1, No.1, pp. 43-53 ISSN: 2252-8776, official publication of the Institute of Advanced Engineering and Science (IAES), Malaysia.
17	Yonis, A.Z. and Abdullah, M.F.L. (2012). WiMAX Technology using Speech Recognition Security” International Journal of Electronics & Informatics (IJEI), Vol1, No.1, pp. 1-7, ISSN: 2186-0114, published by the Center for Natural Sciences & Engineering Research, Malaysia.
18	Yonis, A.Z. and Abdullah, M.F.L. (2012). Sophistication Techniques of Fourth Generations in Neoteric Mobile LTE and LTE-Advanced. International Journal of Cyber-Security and Digital Forensics (IJCSDF), Vol.1, No.3, pp. 167-176, ISSN: 2305-0012, published by the Society of Digital Information and Wireless Communications, Kowloon, Hong Kong.
19	Yonis, A.Z. and Abdullah, M.F.L. (2012). Downlink and Uplink Physical Channels in Long Term Evolution. International Journal of Information Technology and Computer Science (IJITCS), Vol.4, No.11, pp. 1-10, DOI: 10.5815/ijitcs, ISSN Print: 2074-9007, ISSN Online: 2074-9015, published by modern education & computer science (MECS), Hong Kong.
20	Yonis, A.Z. and Abdullah, M.F.L. (2013). Wider Bandwidth of non-Contiguous Component Carriers in LTE-Advanced. International Journal of Future Generation Communication and Networking, Science & Engineering Research Support soCietY (SERSC), Vol.6, No.2, pp.49-61.
21	Yonis, A.Z. (2017). Performance Evaluation of IMT- Advanced Technology. International Journal of Computer Applications, Foundation of Computer Science, New York, USA, vol (172), no (8).
22	Yonis, A.Z. (2017). Improving Energy Efficiency from Regular to Massive MIMO for 5G Cellular Networks. International Journal of Enhanced Research in Science, Technology & Engineering, ER publications, Vol. (6), No.(8). INDIA.
	Chapter in Book
23	Yonis, A. Z. and Abdullah, M. F. L. (2013). Increasing Throughput of MIMO LTE-Advanced using Carrier Aggregation Feature. USA, Ed. IGI Global. 978-146-664-888-3, pp 121-145. (SCOPUS)
24	Book

	Yonis, A. Z. and Abdullah, M. F. L. (2013). Carrier Aggregation Technique for Improving LTE-Advanced System: Scenarios, Design, and Strategies, Germany, LAP LAMBERT Academic Publishing GmbH & Co. KG, 978-384-542-483-5, pp 1-140.
25	Yonis, A. Z. and Abdullah, M. F. L. (2011). Fingerprint Recognition in WiMAX Technology. International Conference on Engineering Professional Ethics and Education (ICEPEE'11), Kuala Lumpur, Malaysia.
26	Yonis, A. Z. and Abdullah, M. F. L. (2011). Biometric Technique for Future WiMAX Technology. Malaysian Technical Universities International Conference on Engineering & Technology (MUICET 2011), Johor, Malaysia.
27	Yonis, A. Z. and Abdullah, M. F. L. (2011). Comparison Study on 3.9G and 4G Evolution. 16th International Conference on Information Communication and Management ICICM, pp. 181-186, Singapore.
28	Yonis, A. Z. and Abdullah, M. F. L. (2012). Improving Peak Data Rate in LTE toward LTE-Advanced Technology, 6th Symposium on Advances in Science and Technology (6thSASTech), Kuala Lumpur, Malaysia.
29	Yonis, A. Z. and Abdullah, M. F. L. (2012). LTE-FDD and LTE-TDD for Cellular Communications. Conference PIERS 31st, pp. 1416-1420, Kuala Lumpur, Malaysia, (Scopus).
30	Yonis, A. Z. and Abdullah, M. F. L. (2012). Enhanced Multiple Antenna Technologies on LTE and LTE-Advanced. 3rd International Conference on Engineering and ICT (ICEI2012), pp. 490-495, Melaka, Malaysia.
31	Yonis, A. Z. and Abdullah, M. F. L. (2012). Performance of LTE Release 8 and Release 10 in Wireless Communications, IEEE International Conference on Cyber Security, CyberWarfare and Digital Forensic (CyberSec2012), University Putra Malaysia, Kuala Lumpur, Malaysia, (Scopus).
32	Ghanim, M.F., Abdullah, M. F. L. and Yonis, A. Z. (2012). Comparison of peak-to-average power ratio in MC-CDMA and SC-FDMA techniques in wireless communication systems. 3rd International Conference on Engineering and ICT (ICEI2012), pp. 476-480, Melaka, Malaysia.
33	Yonis, A. Z. and Abdullah, M. F. L. (2012). Throughput of LTE-Advanced in Downlink and Uplink Physical Layer. 2012 International Conference on Computer Engineering & Mathematical Sciences (ICCEMS 2012), Kuala Lumpur, Malaysia.
34	Yonis, A. Z. and Abdullah, M. F. L. (2012). Simulation of Novel non-Adjacent Component Carriers in LTE-Advanced. IEEE International Conference on Electronics Design, Systems and Applications (ICEDSA2012), pp. 239-244, Kuala Lumpur, Malaysia.(SCOPUS).
35	Yonis, A. Z. and Abdullah, M. F. L. (2012). Design and Implementation of New Non-Contiguous Carrier Aggregation in Release 10. IEEE International Symposium on Telecommunication Technologies (ISTT2012), Kuala Lumpur, Malaysia.(SCOPUS)
36	Ghanim, M.F., Abdullah, M. F. L. and Yonis, A. Z. (2013). Effects of FFT size on PAPR of MC-CDMA system. 9th IEEE Colloquium on Signal Processing and its Applications (CSPA2013), Kuala Lumpur, Malaysia.(SCOPUS).

37	Ghanim, M.F., Abdullah, M. F. L. and Yonis, A. Z. (2013). Optimization of FFT size for MC-CDMA system. 9th IEEE Colloquium on Signal Processing and its Applications (CSPA2013), Kuala Lumpur, Malaysia. (SCOPUS).
38	Yonis, A. Z. and Abdullah, M. F. L. (2013). Impact of Modulation Techniques on Aggregated LTE-Advanced. IEEE International Conference on Space Science & Communication, Melaka, Malaysia. (SCOPUS).
39	Yonis, A. Z. , Mahmood, T. and Younis, E. (2020). Simulation Analysis of Cognitive Radio Cooperative Networks for Next-Generation Technology. UKSim-AMSS 22nd International Conference on Modelling & Simulation, United Kingdom.
40	ALSHAREFI, R.S., YONIS, A.Z. , MOHAMMED, K.K. (2020). Proposed Design Solution of Sigma Delta Converter System. 10th IEEE integrated STEM Education Conference, Virtual online conference, Princeton university, USA. (Scopus).
41	Yonis, A. Z. , Dweig, H.A., and Tareed, A.K. (2021). Comprehensive analysis of IEEE 802.11ah for Wireless Communication Networks. 11th IEEE integrated STEM Education Conference, Virtual online conference, Princeton university, USA. (Scopus).
42	Naktal, N.Z., Yonis, A.Z. , and Mohammed, K.K. (2021). Filter Design for A Fractional N-PLL Frequency Synthesizer At 2.4 GHz. 1st International Ninevah Conference on Engineering and Technology (INCET2021), Ninevah University, Iraq, IOP Proceeding.
43	Nafiaa, R.E. and Yonis, A.Z. (2022), "Analysis of Frequency Splitting Phenomenon in WPT for Intelligent Applications," IEEE International Conference on Automatic Control and Intelligent Systems (I2CACIS), pp. 174-179, doi: 10.1109/I2CACIS54679.2022.9815489. (SCOPUS).
44	Marzog, H.A. and Yonis, A.Z. (2022). Noise Removal of ECG Signal Using Multi-Techniques. 12th IEEE Integrated STEM Education Conference, USA.
45	Yonis. A. Z. (2022). Network Communication Intrusion Detection and Classification Security Techniques. 12th IEEE Integrated STEM Education Conference, USA.
46	Nafiaa, R.E, Yonis. A. Z. (2022). Investigation of Evolving Multiple Access Technologies for 5G Wireless System. IEEE 8th International Engineering Conference on Sustainable Technology and Development (IEC), pp. 118-122, doi: 10.1109/IEC54822.2022.9807471. (SCOPUS).
47	Nafiaa, R.E, Yonis. A. Z. (2022). Performance Analysis of High-Efficiency WPT for Communication Technologies, 14th IEEE CICN 2022 International Conference on Computational Intelligence and Communication Networks, Saudi Arabia, (SCOPUS).
48	Nafiaa, R.E, Yonis. A. Z. (2022). Investigation of High-Efficiency for Smartphone Applications, 2nd IEEE International Conference on Artificial Intelligence of Things, Istanbul, Turkey, (SCOPUS).
49	Yonis. A. Z. and Abdullah, M.F.L. (2011). "Biometrical Applications in WiMAX System", Master thesis, University Tun Hussein Onn Malaysia, Malaysia.

50	Yonis. A. Z. and Abdullah, M.F.L. (2013). Design and implementation of mimo-long term evolution-advanced to support larger bandwidth”, PhD thesis, Universiti Tun Hussein Onn Malaysia, Sep. 2013, Malaysia.
51	Yonis. A. Z. (2023). Performance of Ultra Reliable Low Latency Communication (URLLC) in 5G Wireless Networks. Przegląd Elektrotechniczny (SCOPUS and Clarivate).