ABET Curriculum Vitae of:
Dr. Waleed Saad Fouad Helmy

DEGREE	DISCIPLINE	INSTITUTION	YEAR
Ph.D.	Electronics and Electrical Communications	Menofia University	2013
M.Sc.	Electronics and Electrical Communications	Menofia University	2008
B.Sc.	Electronics and Electrical Communications	Menofia University	2004

Academic Rank: Assistant Professor

Academic Experience:
Institution: Shaqra University
Rank: Assistant Professor
Title: (Vice Head of Electrical Engineering Department)
Dates: Nov 2017 – present
Full Time or Part Time: Full Time

Institution: Delta High Institute for Engineering and Technology
Rank: Assistant Professor
Title: (Group Head of Quality Assurance Unit - Assistant Professor)
Dates: March 2017 – Nov 2017
Full Time or Part Time: Full Time

Institution: Menofia University
Rank: Assistant Professor
Title: (Assistant Professor- Member of Quality Assurance Unit)
Dates: 2014 – present
Full Time or Part Time: Full Time (for Menofia University) and Part Time (for Higher Education)

Institution: Egypt- Japan University of Science and Technology (E-JUST)
Rank: Lecturer
Title: (Ph.D. researcher)
Dates: 2010 – 2011
Full Time or Part Time: Full Time

Institution: Menofia University
Rank: Lecturer
Title: (Member of Quality Assurance Unit)
Dates: 2008 – 2014
Full Time or Part Time: Full Time

Institution: Menofia University
Rank: Demonstrator
Title:
Dates: 2005 – 2008
Full Time or Part Time: Full Time

Certifications or Professional Registrations:

Membership in Professional Organizations:
Scientific Reviewer at some scientific international journals such as IET communications and International Journal of Communication Systems (IJCS) {Wiely}.
Egyptian Syndicate for Engineers, 2004 – Present.

Editorial Board Member of many International Journals.

Honors and Awards:
International Publishing Award for the years 2016 (The best paper award in NRSC 2016)
Service Activities:

Principal Publications and Presentations of the Last Five Years:

[1]. **Waleed Saad**, Somaya A. El-Feshawy, Mona Shokair and Mouad I. Dessouky, "Optimized Approach Based on Hybrid MAC Protocol for M2M Networks," IET Networks, pp. 1-6, 2018, doi: 10.1049/iet-net.2017.0240.

[2]. A. E. Fawzy, M. Shokair and **Waleed Saad**, "Specifying the Optimal Transmission Manner in WSNs: Analysis and Simulation," Wireless Personal Communications, pp. 1-19, 2018, doi: 10.1007/s11277-018-5873-4.

[3]. Mona Shokair, **Waleed Saad** and Shady M. Ibraheem, "On the Performance of Downlink Multiuser Cognitive Radio Inspired Cooperative NOMA," Wireless Personal Communications, vol. 101, issue 2, pp. 875-895, 2018.

[4]. Mona Shokair, **Waleed Saad** and Shady M. Ibraheem, "On the Achievable Capacity of One-way NOMA Based Bi-directional Full-duplex Relay Assisted Cooperative Networks," in the 35th National Radio Science Conference (NRSC), Cairo, Egypt, 20-22 March 2018.

[5]. A. Amer, A. E. Fawzy, M. Shokair, **Waleed Saad**, S. El-Halafawy and A. ElKorany, "Energy Efficient Intra Cluster Transmission in Grid Clustering Protocol for Wireless Sensor Networks," Wireless Personal Communications, vol. 97, issue 1, pp. 915-932, 2017, doi:10.1007/s11277-017-4543-2.

[6]. A. E. Fawzy, M. Shokair and **Waleed Saad**, "Balanced and Energy Efficient Multi-hop techniques for routing in wireless Sensor networks," IET Networks, vol. 7, issue 1, pp. 33-43, 2017. DOI: 10.1049/iet-net.2017.0063

[7]. Eman Hegazy, **Waleed Saad** and Mona Shokair, "An Efficient Proposed MAC Protocol for M2M Networks," Wireless Personal Communications, vol. 96, issue 2, pp. 2253-2269, 2017, doi:10.1007/s11277-017-4296-y.

[8]. Mohamed Shalaby, **Waleed Saad**, Mona Shokair and Nagy W. Messiha, "Evaluation of Electromagnetic Interference in Wireless Broadband Systems," Wireless Personal Communications, vol. 96, issue 2, pp. 2223-2237, 2017.

[9]. Wafaa A. Shalaby, **Waleed Saad**, Mona Shokair and Moawad I. Dessouky, "Efficient Parameters for Compressed Sensing Recovery Algorithms," Wireless Personal Communications, vol. 94, issue 3, pp. 1715-1736, 2017.

[10]. Wafaa A. Shalaby, **Waleed Saad**, Mona Shokair and Moawad I. Dessouky, "An efficient recovery algorithms using complex to real transformation of compressed sensing," in the National Radio Science Conference, NRSC 2016, Aswan, Egypt, 22-25 Feb. 2016. **"BEST PAPER AWARD"**

[11]. **Waleed Saad**, Shady M. Ibraheem, Maher M. Abd Elrazzak, Salwa S. Eldin,and Atef E. Aboelazm, "Performance Improvement of Accumulate Repeat Accumulate Codes with Bounded Complexity," in the IEEE 82nd Vehicular Technology Conference, VTC Fall 2015, Boston, USA, 6-9 Sept. 2015.

[12]. **W. Saad**, N. El-Fishawy, S. El-Rabiae, and M. Shokair, "An Efficient Designed Prototype Technique for OFDM PAPR Reduction Using FPGA," International Journal of Communication Systems (IJCS), vol. 27, Issue 10, pp. 1491-1504, Oct. 2014.

[13]. **W. Saad**, N. El-Fishawy, S. El-Rabiae, and M. Shokair, "Low Complexity Wizard Amplitude Shaping (WAS) System for PAPR Reduction," IET Communications Journal, vol. 7, issue, 18, pp. 2005-2014, Dec. 2013.