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اولا": معلومات شخصية:

- **اللقب العلمي : مدرس**
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ثانيا": المؤهلات العلمية:

- **دكتوراه هندسة اتصالات – ٢٠١٩ – جامعة بوترا ماليزيا – ماليزيا.**
- **ماجستير هندسة كهربائية / هندسة الاتصالات والالكترونيك – ٢٠٠٦ – كلية الهندسة –جامعة بغداد – بغداد – العراق.**
- **بكالوريوس هندسة كهربائية – ٢٠٠٣ – كلية الهندسة –جامعة بغداد – بغداد – العراق.**
- **الاختصاص العام والدقيق: الهندسة الكهربائية / هندسة الاتصالات.**

ثالثا": الدورات التدريبية والعضوية :

- **عضو اقدم منظمة مهندسين الكهرباء والالكترونيك الدولية IEEE منذ العام 2014.**
- **دورة طرائق التدريس و سلامة اللغة –جامعة ديالى – ٢٠٠٨.**
- **دورة الماتلاب في الاتصالات – الجامعة الوطنية الماليزية _ ٢٠١٤.**

رابعا": اللغات المتقنة:

- **العربية – اللغة الام.**
- **الانكليزية**
- **الماليزية**

خامسا": التاريخ الوظيفي و المناصب الادارية:

- **تدريسي وعضو لجان دائمية ومؤقتة متعددة في كلية الهندسة، رئاسة جامعة ديالى، ووزارة التعليم العالي والبحث العلمي منذ عام ٢٠٠٨.**

- مسؤول شعبة تسويق النتاجات والمؤتمرات العلمية في رئاسة جامعة ديالى للفترة من ٢٠٢١/٣/٢٨ ولغاية ٢٠٢٣/٩/٣
- اشراف دولي على رسائل طلبة الدراسات العليا بالتعاون مع جامعات من خارج العراق منذ عام ٢٠١٩ ولحد الان (طالب واحد دكتوراه واربعة طلبة ماجستير).

سادسا ": البحوث المنشورة في المجلات والمؤتمرات العلمية الدولية والمحلية

LIST OF PUBLISHED RESEARCH PAPERS

A- INTERNATIONAL:

1. Salman, Emad Hmood, Montadar Abas Taher, Yousif I. Hammadi, Omar Abdulkareem Mahmood, Ammar Muthanna, and Andrey Koucheryavy. "An Anomaly Intrusion Detection for High-Density Internet of Things Wireless Communication Network Based Deep Learning Algorithms." Sensors 23, no. 1 (2022): 206. SCOPUS (Q1) / Clarivate (Q1). https://www.mdpi.com/1424-8220/23/1/206
2. Algriree, Waleed, Nasri Sulaiman, Maryam Isa, Ratna KZ Sahbudin, Siti LM Hassan, and Emad Hmood Salman. "Validation hybrid filter detection for Multi-User multiple input multiple output F-OFDM by Universal software radio Peripheral." Alexandria Engineering Journal 74 (2023): 241-268. SCOPUS (Q1) / Clarivate (Q1). https://www.sciencedirect.com/science/article/pii/S1110016823003071?via%3Dihub
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4. Algriree, Waleed, Nasri Sulaiman, Maryam M. Isa, Ratna KZ Sahbudin, Siti LM Hassan, and Emad Hmood Salman. "An analysis of 5G-MIMO communication system based SS for centralized cooperative and non-cooperative users." Egyptian Informatics Journal 24, no. 2 (2023): 161-172. SCOPUS (Q1) / Clarivate (Q2). https://www.sciencedirect.com/science/article/pii/S1110866523000130
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7. E. H. Salman, N. K. Noordin, S. J. Hashim, F. Hashim, and C. K. Ng, "An overview of spectrum sensing techniques for cognitive LTE and LTE-A radio systems," *Telecommunication Systems*, pp. 1-14, 2016. SCOPUS/Clarivate(ISI)-Q3. https://link.springer.com/article/10.1007/s11235-016-0221-z

8. Salman, Emad H., Nor K. Noordin, Shaiful J. Hashim, Fazirulhisyam Hashim, and Chee K. Ng. "An Analysis of Periodogram Based on a Discrete Cosine Transform for Spectrum Sensing." *Wireless Personal Communications* 101, no. 3 (2018): 1261-1279. SCOPUS/Clarivate (ISI)-Q3 https://link.springer.com/article/10.1007/s11277-018-5761-y
9. Montadar Abas Taher, Mohammad Z. Ahmed, Emad Hmood Salman. "Compressive Spectrum Sensing Using Two-Stage Scheme for Cognitive Radio Networks." *International Journal of Electrical and Computer Engineering (IJECE)* Vol. 10, No. 6, December 2020, pp. 5899~5908. SCOPUS-Q2 http://ijece.iaescore.com/index.php/IJECE/article/view/21349
10. Algriree, Waleed, Nasri Sulaiman, Maryam Isa, Ratna Kalos Zakiah Sahbudin, Siti Lailatul Mohd Hassan, and Emad Hmood Salman. "The impact of M-ary rates on various quadrature amplitude modulation detection." International Journal of Electrical & Computer Engineering (2088-8708) 13, no. 1 (2023). SCOPUS-Q2. https://ijece.iaescore.com/index.php/IJECE/article/view/26881
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13. Emad H. Salman, N. K. Noordin, S. J. Hashim, F. Hashim, and C. K. Ng, "A performance analysis of a new periodogram for spectrum sensing," in *International Conference on Advances in Electrical, Electronic and Systems Engineering (ICAEES) 2016, Kuala Lumpur, Malaysia, 2016, pp. 592-596.* https://ieeexplore.ieee.org/abstract/document/7888115
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17. Alshamary, Haider Ali Jasim, Emad Hmood Salman, and Yousif Allbadi. "Data Disseminated Energy-Efficient Clustering Algorithm For Avoid Load and Bandwidth

Consumption In WSN Integrated IoT Platform." In *IOP Conference Series: Materials Science and Engineering*, vol. 1076, no. 1, p. 012062. IOP Publishing, 2021. https://iopscience.iop.org/article/10.1088/1757-899X/1076/1/012062/pdf

B- Publication in local scientific journals

18. Emad Hmood Salman, FAST CONVOLUTION AND CORRELATION ALGORITHM FOR MULTIDIMENSIONAL SIGNALS, Diyala Journal of Engineering Science, Vol. 6, Issue 1, pp. 75 – 89, 2013. https://www.iasj.net/iasj?func=article&aId=71718

19. Emad Hmood Salman, Compressing and Ciphering Digital Signal by Using Wavelet Transform, 11th Scientific Conference 19-20 Nov.2011, Baghdad, Iraq, AL-Mansour Journal, Vol. 17, Issue: special issue, pp: 167 – 183. https://www.iasj.net/iasj?func=article&aId=34613

سابعا": المزيد من المعلومات عن النشاط العلمي يمكن ايجادها على رو ابط التواصل الاجتماعي و العلمي :

Google Scholar	https://scholar.google.com/citations?user=e2OrzYIAAAAJ&hl=en&oi=ao
ORCiD	https://orcid.org/0000-0003-3139-3102
WoS	https://www.webofscience.com/wos/author/record/N-2564-2017
SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=57190962268
ReseachGate	https://www.researchgate.net/profile/Emad-Salman