CURRICULUM VITAE

PERSONAL INFORMATION

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EDUCATION

2000-2005	B.Sc. in Electrical Engineering Electrical Engineering Department, Princess Sumaya University , Amman - Jordan.
2006-2007	M.Sc. in Advanve Telecommunication System Electrical Engineering Department, Western Sydney University-Australia .
2007-2011	Phd. in Communication Engineering Electronic and Electrical Engineering Department, Swansea University –UK

ACADEMIC EXPERIENCE

2021- Present	Professor in the Electrical Engineering Department/Communication Mutah University/ Jordan (Postal Code 61710, Tel. +962 3 2372380) Teaching and supervising undergraduate/Graduate students with ABET standards
2016-2021	Associate Professor in the Electrical Engineering Department/Communication Mutah University/ Jordan (Postal Code 61710, Tel. +962 3 2372380)
2018- Present	Director of International Office Mutah University/ Jordan (Postal Code 61710, Tel. +962 3 2372380
2015-2017	Vice Dean of Grdauate studies Colleage And Assistant dean for students affairs Mutah University/ Jordan (Postal Code 61710, Tel. +962 3 2372380)
2013- 2015	Dean Assistant, for quality assurance and industry affairs, Faculty of Engineering Mutah University/ Jordan (Postal Code 61710, Tel. +962 3 2372380)

MEMBERSHIPS

2005--Now	Jordan Engneering Association.

2008-Now	IEEE Membership

PUBLICATIONS

Referred Journal papers:

- S. E. A. Alnawayseh and P. Loskot, "Order Statistics Based List Decoding Techniquesfor Linear Binary Block Codes," EURASIP Journal on Wireless Communications and Networking. *Theory*, Oct. 2012.
- S. E. A. Alnawayseh and P. Loskot, "Complexity Reduction of Order StatisticsDecoding Based on High Reliable CRCs," *IEEE Comm. Letters* May. 2012.
- Saif E. A. Alnawayseh1, Pave l Loskot, Mutaz Al-Tarawneh, and Ziyad Ahmed Al Tarawneh. "Performance Evaluation of Cooperative Versus Receiver Coded Diversity, "WSEAS TRANSACTIONS on COMMUNICATIONS, Volume 14,2015.
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- Saif. E. A. Alnawayseh, "A Comparison of Wireless Sensor Network Routing Protocols,"Information Technology Journal. Volume 15, Issue 2, 2016).

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- Ziyad .A.AlTarawneh, Saif E. A. Alnawayseh, and Mutaz Al-Tarawneh, "An Analysis of the Impact of Process Variations on the Performance of C-Element Structures Implemented in Bulk CMOS and SOI Technologies," Information Journal - An International Interdisciplinary Journal. To appear in Volume 19,Issue 4,2016.

- Mutaz Al-Tarawneh, Ziyad. A. Al Tarawneh, Saif E. A. Alnawayseh, "A CPU-Guided Dynamic Voltage and Frequency Scaling (DVFS) of Off-Chip Buses in Homogenous Multicore Processors." International Review on Computers and Software (I.RE.CO.S.). Volume 10, Issue 7, 2015.

- Omer Nawaf Maaitah, Saif E. A. Al nawayseh and Alhasan Ahmed Jandee ." Requirements of Intelligent Transportation System in Civil Aviation: Kuwait Airport". Pyrex Journal of Engineering and Manufacturing Technology (PJEMT)January 2016 Vol. 2(1), pp. 001-006

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- Saif. E. A. Alnawayseh, "Performance Comparison of Coded OFDM System with Cooperative Diversity and Multi Antenna Receiver Diversity Using QAM Modulation,"Jordan Journal of Electrical Engineering. Volume 1, Issue 2, 2015, P (1-13).,

- Saif. E. A. Alnawayseh, "Multiple Transmitter Antenna Selection schemes in Cooperative NOMA System,"Jordan Journal of Electrical Engineering. Accepted,2021.
- Saif E. A. Alnawayseh. " Ordered-Statistic Decoding of Linear Block Codes Utilizing Hash and Syndrome. Mu'tah Journal for Research and Studies: Natural and Applied Sciences Series. Accepted 2021.

- Saif. E. A. Alnawayseh, "Iterative Decoding of Chase Pyndiah Decoder Utilizing Multiple Relays Network", (IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 12, No. 4, 2021. (Scopus index)

- Mutaz Al-Tarawneh, and Saif E. A. Alnawayseh, "Performance Assessment of Context-aware Online Learning for Task Offloading in Vehicular Edge Computing Systems", (IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 12, No. 4, 2021. (Scopus index)
- Saif, E. A. Alnawayseh, Shatha Maaitah, " HIERARCHICAL MODULATION OVER COOPERATIVE SYSTEM UTILIZING CODED OFDM", science international Sci.Int.(Lahore), Vol 33(1),p(19-24),2021.
- Saif. E.A. Alnawayseh and Mayyadah Alma'aitah, " Crosstalk reduction technique for GPS transmission lines in 5G smart phones", International Journal of Engineering Trends and Technology (IJETT), Vol 69(6)),2021. (Scopus index)
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- Saif. E.A. Alnawayseh and Amani Alzagaibeh, "Green Cellular Design Using an Adaptive Power Management Redistribution for Mobile Communication", Journal of Theoretical and Applied Information Technology (JATIT), Vol 99(14)),2021. (Scopus index)

Conference papers:

- S. E. A. Alnawayseh and P. Loskot, "Low-Complexity Soft-Decision Decoding Techniques for Linear Binary Block Codes," in *Proc.IEEE WCSP 2009*, Nanjing, China, Nov. 13-15, 2009.
- S. E. A. Alnawayseh and P. Loskot, "Cooperative Versus Receiver Coded DiversityWith Low-Complexity Encoding and Decoding," in *Proc. IEEE VTC'10Spring*, May 2010. pp. 1–5.
- S. E. A. Alnawayseh and P. Loskot, "Decode-and-forward cooperation as thedistributed encoding and decoding," in *Proc.IEEE ISWCS'10*, Sept. 2010. pp. 656-660.