



Curriculum Vitae (CV)

Full Name: Suzan Mohamed shukry

Personal Information:

Academic Rank: Associate Professor or

Department: Electric Engineering (electronics and communications engineering)

Specialization: Communication

Position: head of department of electrical engineering

Google Scholar:

https://scholar.google.com/citations?view_op=list_works&hl=ar&user=h0akGbAAAAJ&gmla=AJsN-F5eDzppmXu9Srtbr_xYQ3QrIdMXddyspS7euYd3neo8DmSuOO3CnaE5XD5pBGPZsjHoTj52JMVlidRaxPiQdG0waeox1omxaXGesFgSu2Oxk-ZR87oMmixrzhIMASoJ0q24mk-UkchcoeSrvvYYLqml6ZVA

Research Gate: <https://www.researchgate.net/profile/Suzan-Shukry>

ORCID Record: <http://orcid.org/0000-0003-4812-9105>

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Education:

Degree	Discipline	Institution	Year
Ph.D.	Faculty of engineering	CAIRO UNIVERSITY	2010
M.Sc.	Faculty of engineering	CAIRO UNIVERSITY	2003
B.Sc.	Faculty of engineering	CAIRO UNIVERSITY	1996

Academic Experience:

Institution: higher technological institute

Rank: Associate Professor

Dates: 2022

Institution: higher technological institute

Rank: Assistant Professor

Dates: 2011

Institution: higher technological institute

Rank: Research Assistant (PhD student)

Dates: 2004

Institution: higher technological institute

Rank: Teaching Assistant

Dates: 1999

Research interests:

- Telecommunications

Publications:

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- Walid K. Ghamry and **Suzan Shukry**, "Channel estimation for RIS-aided MIMO systems in MmWave wireless communications with a few active elements", Cluster Computing: Cluster Computing: The Journal of Networks, Software Tools and Applications, Springer, Vol. 27, pp. 14247–14267, July 2024.
- Walid K. Ghamry and **Suzan Shukry**, "Spectrum Access in Cognitive IoT using Reinforcement Learning", Cluster Computing: The Journal of Networks, Software Tools and Applications, Springer, Accepted on 13 May 2021.
- **Suzan Shukry**, " QoS aware resource allocation for D2D communication in mm wave 5G underlay network", Engineering research journal - faculty of engineering shoubra, April 2021.
- **Suzan Shukry** and Yasmine Fahmy, "Traffic Load Access Barring (TLAB) Scheme for RACH Access in Massive machine-to-machine and human-to-human Devices Coexistence in LTE-A", International Journal of Communication Systems, Wiley, Vol. 34, Issue 8 in 25 May 2021-e4777.
- **Suzan Shukry**, "Stable routing and energy-conserved data transmission over wireless sensor networks", EURASIP Journal on Wireless Communications and Networking, Springer, 2021, 36 (2021), pp1-29.
- Walid K. Ghamry and **Suzan Shukry**, "Performance evaluation of cooperative eigenvalue spectrum sensing GLRT under different impulsive noise environments in cognitive radio", Computer Communications, Elsevier, Vol. 160, July 2020, pp. 567-576.
- R. Hosny, H. M. Abd el qader. M. Nassief, **Suzan Shukry**, "ECG Wavelet compression for transmission over IOT NETWORK", engineering research journal(Shobra),Banha university, June2020.
- -**Suzan Shukry** and Yasmine Fahmy, "Maximizing the lifetime of energy-constrained cooperative spectrum sensing sensor network", International Journal of Communication Systems, Wiley, Vol. 31, Issue 10, April 2018, e3569, pp. 1-9.
- **Suzan Shukry** and Yasmine Fahmy, "Mobility robustness self-organizing network handover scheme for LTE-Advanced", 33rd National Radio Science Conference (NRSC), Feb. 2016, pp. 300-307.
- Mahmaud hamed, **suzan shukry**, Mohamed S. El-Mahallawy, Salwa H. El-Ramly, "Modified Earliest Deadline First Scheduling with Channel Quality Indicator for Downlink Real-Time Traffic in LTE Networks", International conference on e-technologies and Networks for development, Apr. 29 - May 1, 2014
- **Suzan M. Shouckry**, Khaled Elsayed, Ali Elmoghazy, and Ameen Nassar, "Adaptive Fractional Frequency Reuse (AFFR) Scheme for Multi-cell IEEE 802.16e Systems", In Proceedings of IEEE, HONET'09, 6thInternational Symposium on High Capacity Optical Networks & Enabling Technologies, Alexandria, Egypt, December 28-30, 2009.
- **Suzan M. Shouckry**, Khaled Elsayed, Ali Elmoghazy, and Ameen Nassar, "Adaptive Radio Resource Management Scheme for Multi-Cell Mobile Wimax", Journal of Al Azahar University Engineering Sector, JAUES, Oct 2009.

- **Suzan M. Shouckry**, Khaled Elsayed, Ali Elmoghazy, and Ameen Nassar, "Distributed Downlink Radio Resource Management in Multi-cell IEEE 802.16e Systems", In Proceedings of IEEE, The 26th NRSC'2009, Future University, 5th Compound, New Cairo, Egypt, March 17-19, 2009.
- **Suzan M. Shouckry**, Khaled Elsayed, Ali Elmoghazy, and Ameen Nassar, "Utility Based Channel Aware MIMO Downlink Scheduling in IEEE 802.16 Broadband Wireless System", The 4th International Scientific Conference of The Military Technical College , 27-29 May 2008.
- **Suzan M. Shouckry**, Bahnasy M. Nossier, and Mohamed G. Darwish, "A new Medium Access Control Scheme for Wireless ATM Networks", In Proceedings of the IEEE 20th NATIONAL RADIO SCIENCE CONFERENCE, March 18-20, Cairo, 2003

Teaching Experience:

- Mobile communications
- Signals & systems
- Computer networks
- C-Language.
- Electronics Components.
- Electronic Circuits.
- Electric Circuits.
- Logic circuits Design.
- Digital communications
- Digital Signal Processing DSP

Courses taught

1. “ teaching strategies for H.E faculties and institutes” National authority for quality assurance and accreditation of education . 2021
2. Exams and student evaluation systems -faculty and leadership development center FLDC- cairo university 2020
3. Essential of integrated education -faculty and leadership development center FLDC- cairo university 2020
4. Critical thinking -faculty and leadership development center FLDC- cairo university 2020
5. “Self evaluation of educational programs for H.E. faculties and institutes” National authority for quality assurance and accreditation of education . 2019

6. “concepts of quality for academic leaders for H.E faculties and institutes” National authority for quality assurance and accreditation of education . 2018
 7. “strategic planning for H.E faculties and institutes” National authority for quality assurance and accreditation of education . May 2017
 8. “Self evaluation for H.E. faculties and institutes” National authority for quality assurance and accreditation of education . Mar 2017
 9. “ Developing of leadership and management skills for women”, pathways to higher education Egypt MAR2014
 10. “ Training of trainers TOT”, pathways to higher education Egypt Jan 2012
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