Curriculum Vitae (CV)

Eslam Samy El-Sayed Mohamed El-Mokadem

Personal Information:

Academic Rank: Assistant Professor

Department: Electrical Engineering

Specialization: Communication engineering

Position: * Assistant Professor in Electrical Engineering Department

* Program quality coordinator in Quality Assurance unit

Google Scholar: https://scholar.google.com/citations?user=XHzQw9oAAAAJ&hl=en

Research Gate: Eslam Elmokadem (researchgate.net)

Scopus ID : 57216975766

ORCID Record: https://orcid.org/0000-0002-9390-5524

Web of Science ResearcherID: AGG-2158-2022

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Education:

Degree	Discipline	Institution	Year
Ph.D.	Electronics and Communication Engineering	Ain Shams University- Faculty of engineering	2020
M.Sc.	Electronics and Communication Engineering	Zagazig University- Faculty of engineering	2014
B.Sc.	Electrical Engineering	Higher technological institute(HTI)	2007

Academic Experience:

Institution: HTI

Rank: Doctor

Dates: 2020

Institution: HTI

Rank: Assistant Lecturer

Dates: 2015

Institution: HTI

Rank: Teaching Assistant

Dates: 2008

Research interests:

- **NOMA**
- **Machine to machine communication**
- **Internet of things**
- **Cognitive radio Networks**
- **Mobile communication**
- **Automated Networks**
- **Visible Light communication**
- **Machine Learning**

Publications:

- **El-Mokadem, Eslam S., Nagwan I. Tawfik, Moustafa H. Aly, and Walid S. El-Deeb. "Design and performance evaluation of vehicular visible light communication system under different weather conditions and system parameters." Opto-Electronics Review (2023): e145580-e145580.**
- **EL-Mokadem ES, El-Kassas AM, Elgarf TA, El-Hennawy H. Throughput enhancement of cognitive M2M networks based on NOMA for 5G communication systems. International Journal of Communication Systems. 2020 Aug;33(12):e4468.**
- **El-Mokadem ES, El-Kassas AM, Elgarf TA, El-Hennawy H. BER performance evaluation for the downlink NOMA system over different fading channels with different modulation schemes. In2019 5th International Conference on Science and Technology (ICST) 2019 Jul 30 (Vol. 1, pp. 1-6). IEEE.**
- **Elmokadem, Eslam & Fouad, Mohamed & Elgarf, Talaat. Performance Analysis of Advanced Hybrid Speech Coding Techniques in Time, Spectral, and Perceptual domains. INTERNATIONAL JOURNAL OF COMPUTERS & TECHNOLOGY. 13. 5051-5062. 10.24297/ijct.v13i10.2327. 2014.**
- **Elmokadem, Eslam, Fouad, Mohamed and Elgarf, Talaat. Evaluation Criterion to Assess the Quality Performance of Advanced Hybrid Speech Coding Techniques. www.ijcst.com.2013.**

Certifications or Professional Registrations:

- **Cisco Certified Network Associate Instructor**
- **Certificate of attendance and presenter at ICST conference- Indonesia.**
- **Certificate of attendance for the Internet of Things workshop. NTI.**
- **A reviewer Certificate at IEEE Access Journal.**
- **Self-evaluation for educational programs for colleges and institutes of higher education.**
- **Programs and courses Specifications and evaluation of learning outcomes for colleges and institutes of higher education**
- **Effective teaching and learning strategies for colleges and institutes of higher education.**
- **Exam systems and student assessment for colleges and institutes of higher education**
- **Strategic planning for colleges and institutes of higher education**

- **The role of the external reviewing in the National Authority for Quality Assurance and Accreditation of Education**
- **Certificate in Strategic Planning as Core to Strategic Management**

Teaching Experience:

Courses Taught

- Principles of electronic engineering
- Electronic components
- Electronics (1)
- Electronic circuits
- Communication (1)
- Communication systems
- Communication(4)
- Communication II
- Computer skills
- Computer Networks
- Electronics(4)
- Switching circuits
- Electronic lab (1)
- Electronic lab (2)
- Practical training (A)
- Practical training (B)
- Communication Lab