

## 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 Center

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

**Research Gate:** [Eslam Elmokadem \(researchgate.net\)](https://www.researchgate.net/profile/Eslam-Elmokadem)

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**Mobile/WhatsApp:** +20/ 1144023823

## 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:** Assistant Professor

**Dates:** 2020

**Institution:** HTI

**Rank:** Research Assistant (Ph.D. student)

**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 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. *In 2019 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](http://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

## Higher Technological Institute

- 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