

Curriculum Vitae (CV)

Amaal Ashraf Fathy Abdel-Sadek



Personal Information:

Academic Rank: Assistant Professor

Department: Electrical Engineering

Specialization: Communication Engineering

Position: Assistant Professor in Electrical Engineering Department

Google Scholar: -----

Research Gate: Amaal Ashraf (researchgate.net)

ORCID Record: -----

Scopus ID: -----

Email aml.ashraf @hti.edu.eg

Mobile/WhatsApp: +20/ 1060105160

Education:

Degree	Discipline	Institution	Year
Ph.D.	Electronics and communication engineering	Zagazig university- faculty of engineering	2021
M.Sc.	Electronics and communication engineering	Zagazig university- faculty of engineering	2014
B.Sc.	Electrical engineering	Higher technological institute (HTI)	2008

Academic Experience:

Institution: HTI

Rank: Assistance Professor

Dates: 2022

Institution: HTI

Rank: Research Assistant (Ph.D. student)

Dates: 2015

Institution: HTI

Rank: Teaching Assistant

Dates: 2009

Research interests:

- Optical fiber communication.
- Visible Light communication.
- Free Space Optical.
- Voice over internet protocol.
- Security.

Publications:

- Speech encryption applying a modified Blowfish algorithm
- Effect of fog and scintillation on performance of vertical free-space optical link from Earth to low Earth orbit satellite.
- Evaluation of Free Space Optics Uplink Availability to LEO Satellite Using Climatic Data in Cairo

Certifications or Professional Registrations:

- **Digital Transformation in Higher Education.**
- **Exam systems and student assessment for colleges and institutes of higher education.**
- **Strategic planning for colleges and institutes of higher education.**

Courses taught

- Antenna and Wave propagation.
- Microwave Engineering.
- Transmission Lines.
- Advanced Optical fiber communication.
- Computer skills.
- Measuring Lab.
- Electronic lab (1).
- Practical training (A).
- Practical training (B).
- Communication Lab.