

Curriculum Vitae (CV)

Nagwan Ibrahim Tawfik Ibrahim



Personal Information:

Academic Rank: MSc. in Electronics and Communications Engineering, Faculty of Engineering, Zagazig University, Zagazig, Egypt.

Department: Electronics and Communication.

Specialization: Optical wireless communication.

Position: Teaching assistant at higher Technological Institute 10th of Ramadan City.

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Education:

Degree	Discipline	Institution	Year
M.Sc.	Electronics and Communication Engineering	Zagazig University- Faculty of engineering	2016
B.Sc.	Electronics and Communication Engineering	Zagazig University- Faculty of engineering	2008

Experience:

Institution: HTI
Rank: Research Assistant (Ph.D. student)
Dates: 2017

Institution: HTI
Rank: Teaching Assistant
Dates: 2009

Research interests:

- Wireless communication
- optical fiber
- visible light communication
- vehicular visible light communication.

Publications:

1. Tawfik NI, Eldeeb WS, El_Mashade MB, Abdelnaiem AE." Optimization of uniform fiber Bragg grating reflection spectra for maximum reflectivity and narrow bandwidth". International Journal of Computational Engineering Research (IJCER). 2015;5(2):53-61.
2. Mohamed B. El-Mashade, A. E. Abdelnaiem, W. S. El-Deeb and N. I. Tawfik. "Analysis of Weak and Strong Fiber Bragg Grating", British Journal of Applied Science & Technology (BJAST). 2015; 10(6): 1-10.

Certifications or Professional Registrations:

- Effective teaching and learning strategies for colleges and institutes of higher education
- Exam systems and student assessment for colleges and institutes of higher education

Teaching Experience:

Courses Taught:

- Electric circuits.
- System analysis
- Electronic lab (1)
- Communication 1
- Communication 2
- Communication lab.
- Digital signal processing
- Signals and systems
- Computer skills
- Electrical circuits lab.