

Curriculum Vitae (CV)

Mina Dawoud Gaballa



Personal Information:

Academic Rank: Lecturer

Department: Electrical Engineering

Specialization: Electronics and Communication Engineering

Position: Lecturer

Google Scholar: <https://scholar.google.com.eg/citations?user=4HyvzUIAAAAJ&hl=en>

Research Gate: <https://www.researchgate.net/profile/Mina-Dawoud-2>

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Scopus ID: <https://www.scopus.com/authid/detail.uri?authorId=56583972000>

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Education:

Degree	Discipline	Institution	Year
Ph.D.	ELECTRICAL ENGINEERING	MINIA UNIVERSITY	2021
M.Sc.	ELECTRONICS AND COMMUNICATIONS ENGINEERING	ARAB ACADEMY FOR SCIENCE, TECHNOLOGY AND MARITIME TRANSPORT	2018
B.Sc.	ELECTRICAL AND COMPUTER ENGINEERING	HIGHER TECHNOLOGICAL INSTITUTE, 10 TH OF RAMADAN CITY	2009

Academic Experience:

Institution: HIGHER TECHNOLOGICAL INSTITUTE, 6th OF October, EGYPT

Rank: Lecturer (from 2021 till Now)

Institution: OBOUR HIGH INSTITUTE for Engineering and Technology, OBOUR, EGYPT

Rank: Lecturer (Part time: Term Feb-May 2023 till now)

Institution: HIGHER TECHNOLOGICAL INSTITUTE, 10TH OF RAMADAN CITY, EGYPT

Rank: Research Assistant (PhD student), 2018 to 2021

Institution: HIGHER TECHNOLOGICAL INSTITUTE, 10TH OF RAMADAN CITY, EGYPT

Rank: Teaching Assistant, 2010 to 2018

Research interests:

- Antennas and wave propagation
- Optical communication
- Wireless communication

Publications:

- Zainud-Deen, Saber Helmy, Mina Dawoud, Hend Abd El-Azem Malhat, and Mohamed A. Aboul-Dahab. "Absorption enhancement of GaAs thin-film solar cells using tapered metal nanoantenna structures." *Wireless Personal Communications* 106, no. 3 (2019): 1659-1667 - Springer.
- Khalaf, A. A. M., and M. D. Gaballa. "Dual-band absorption of a GaAs thin-film solar cell using a bilayer nano-antenna structure." *Opto-Electronics Review* (2020): 171-175.
- Khalaf, Ashraf, and Mina Gaballa. "Directing the absorption peaks of plasmonic solar cell." *Journal of Advanced Engineering Trends* 41, no. 1 (2022): 27-32.

Teaching Experience:

Courses taught

- - Electromagnetic Fields
- - Antennas and wave propagation
- - Microwave Circuits
- - Microwave Devices
- - Advanced Satellite Communications
- - Digital Signal Processing
- - Electrical Measurements
- - Computer Skills
- - Electronics

Training Courses:

- Egyptian Knowledge Bank – 2024
- Learning through Projects, DAAD Kairo Akademie – 2022
- ToT Proposal Writing, DAAD Kairo Akademie – 2022
- Constructive Assessment for learning, DAAD Kairo Akademie – 2021
- Fundraising Skills and Best Practices, DAAD Kairo Akademie – 2021
- Fundamentals of Digital Transformation Certificate” (FDTC). – 2020

- Exam Systems and Students Evaluation – 2020
- Searching global scientific databases and managing scientific references – EndNote 2020
- Scientific Research Ethics and Preparing Scientific Research – 2019
- Statistical Analysis using SPSS – 2019
- Self-evaluation scales for Higher education institutions - 2019
- Courses specification and the assessment of Intended learning outcomes of course (ILOs) - 2019
- VoIP: Over IP Company - 2009
- CCNA: 3-hands Company - 2009
- PLC Programming, SCADA, and Touch screen: Industrial system company – 2007, 2008
- Electrical Devices Production from PCB Design “using P-CAD” to Finishing and maintenance: Benha Electronics Company - 2006