Mobile/WhatsApp:

Curriculum Vitae (CV)

Mina Dawoud Gaballa

Personal Information:

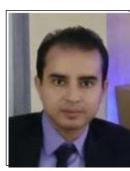
Academic Rank: Lecturer **Electrical Engineering Department:** Specialization: **Electronics and Communication Engineering** Position: Lecturer **Google Scholar:** https://scholar.google.com.eg/citations?user=4HyvzUIAAAAJ&hl=en **Research Gate:** https://www.researchgate.net/profile/Mina-Dawoud-2 ORCID Record: https://orcid.org/0000-0002-7419-7294 https://www.scopus.com/authid/detail.uri?authorId=56583972000 Scopus ID: Email minadawoud@yahoo.com, minadawoud9@gmail.com

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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, 6 th 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
Institution: Rank:	HIGHER TECHNOLOGICAL INSTITUTE, 10TH OF RAMADAN CITY, EGYPT Research Assistant (PhD student), 2018 to 2021
Rank:	Research Assistant (PhD student), 2018 to 2021



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 plasmoinc 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