Curriculum Vitae

Esraa Mohammed Salah Abozaid Dail Saad

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Aswan, Egypt

PERSONAL DATA

- DATE OF BIRTH: 11 / 12 / 1993
- PLACE OF BIRTH: Aswan, Egypt
- LANGUAGES: Arabic (Native), English (Very good)
- MARITAL STATUS: Married

EDUCATION

Ph. D. Student in Electronics and Communications Engineering from March 2023
Faculty of Engineering, Aswan University, Aswan, Egypt.

M. Sc. in Electronics and Communications Engineering from February 2023
Faculty of Engineering, Aswan University, Aswan, Egypt.
Thesis entitled *" Design of* Reconfigurable Radiation Pattern Antennas for Wireless Communications ".

B. Sc. in Electronics and Communications Engineering from June 2017
The High Institute of Engineering and Technology, Luxor.
Grade: very good with Honor's grade (83.87 %).

Graduated project: Smart Train Control.
***Graduation Project*:** Excellent.

OCCUPATIONS:

Teaching Assistant in Electronics and Communications Department, The High Institute of Engineering & Technology, Luxor, Egypt.

TEACHING EXPERIENCE

- Demonstrated skills in teaching several under-graduate courses in Electromagnetic, Wave Propagation, Antenna Engineering, Microwave Technology, and Wireless Communication, at Luxor Higher Institute of Engineering & Technology for more than 6 years.
- Provided technical assistance to Electrical Testing and Laboratory Experiments in Electromagnetics, Antenna Engineering and Wireless Communication at the Department of Electronics and Communication Engineering at Luxor Higher Institute of Engineering & Technology for more than 6 years.

Semester	University	Course
2017(fall) *2018(fall)* *2019(fall)* *2020(fall)* *2021(fall)* *2022(fall)*	*LUXOR HIET*	*Computer Interfacing*
2020(spring) *2021(spring)*	*LUXOR HIET*	*Digital Circuits*
2020(spring) *2021(spring)*	*LUXOR HIET*	*Introduction to Computer*
2018(spring) *2019(spring)* *2020(spring)* *2021(spring)* *2022(spring)*	*LUXOR HIET*	*Integrated Circuit Fabrications*
2021(fall) *2022(fall)*	*LUXOR HIET*	*Antenna Engineering*
2021(spring) *2022(spring)*	*LUXOR HIET*	*Microwave Technology*
2022(fall)	*LUXOR HIET*	*Electromagnetic Wave Propagation*

2022(spring)	*LUXOR HIET*	*Electronics (2)*
2017(fall) *2018(fall)* *2019(fall)* *2020(fall)* *2021(fall)* *2022(fall)*	*LUXOR HIET*	*Antenna Lab.*
2017(fall) *2018(fall)* *2019(fall)* *2020(fall)* *2021(fall)* *2022(fall)*	*LUXOR HIET*	*Electrical Testing (1)*
2018(spring) *2019(spring)* *2020(spring)* *2021(spring)* *2022(spring)*	*LUXOR HIET*	*Electrical Testing (2)*
2019(spring) *2022(spring)*	*LUXOR HIET*	*Electrical Testing (4)*

COURSES:

	Holding place	Starting date	period
Micro-controller	*Jelecom.Egypt, Qena university*	*6/02/2013*	*30 days*
GSM	*Mega Academy (Cairo)*	*16/07/2016*	*11 days*
Drive test & Intro. To optimization	*Mega Academy (Cairo)*	*27/07/2016*	*10 days*
UMTS	*Mega Academy (Cairo)*	*6/08/2016*	*5 days*
Communication skills	*IT house (Aswan)*	*1/10/2017*	*9 days*

PRACTICAL TRAINING:

	Holding place	Starting date	period
Telcom Egypt Co.	*Central Aswan*	*13/07/2014*	*15 days*
NANSC	*International Airport of Aswan*	*2/08/2015*	*30 days*

COMPUTER SKILLS:

- Electromagnetic Simulators: Excellent knowledge of CSTMicrowave Studio.
- Programming Languages: C++
- Office Package: Excellent knowledge of MS Word, PowerPoint, and Excel.
- Simulators: Good knowledge of Multisim.

CO-SUPERVISED IN SENIOR UNDERGRADUATE LEVEL PROJECTS:

- Microstrip antenna performance enhancement using metamaterial techniques [Luxor Higher Institute of Engineering & Technology - Academic year 2018-2019]

- Design and Implementation of Rectenna System for Wireless Power Transfer [Luxor Higher Institute of Engineering & Technology - Academic year 2019-2020]

- Design and Implementation of Microstrip Patch Antenna for 5G Wireless Communication [Luxor Higher Institute of Engineering & Technology - Academic year 2020-2021]

- Home Automation by Controlling Via Bluetooth [Luxor Higher Institute of Engineering & Technology - Academic year 2021-2022]

RESEARCH INTERESTS:

Antenna design, Microstrip antennas, Metamaterials, Reconfigurable antenna, Theory of characteristic modes(TCM), RFID, mm-Wave antennas, and 5G wireless communications.

PUBLICATIONS

Journal Papers

1. Esraa M. Salah, Hany A. Atallah, Ahmed Abdelaziz, Hesham A. Mohamed, and Ehab K. I. Hamad, "Frequency and Radiation Pattern Reconfigurable Monopole Antenna for WLAN/WiMAX Applications". *International Journal of Microwave and Optical Technology*, Vol. 18, No. 1, January 2023.

2. Esraa M. Salah, Hany A. Atallah, Ahmed Abdelaziz, Hesham A. Mohamed, and Ehab K. I. Hamad, "Radiation Pattern Reconfigurable Arch-Shaped Dual-Band Antenna for Wi-Fi and WLAN Applications". Submitted to *International Journal of Microwave and Wireless Technologies* on December 25, 2022.