

ABOUT ME

I received a BSc degree in electronics and communication engineering from a higher institute of engineering and technology in new Damietta, Egypt in 2017 and received M.Sc. (Electronics and Communication Engineering) in 2022 from Mansoura university, M.Sc. dedicated to performance enhancement of spectrum sensing system using antenna arrays for a cognitive radio application.

CONTACT

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📍 Sebrbay, Tanta ,
Al-Gharbia, Egypt

SKILLS

- CST
- MATLAB
- MULTISIM
- ADS
- CCNA
- HTML
- Circuit wizard

RANIA YOUSSEF

EDUCATION

Master Degree in Engineering Science, 2022
Electronics and Communications
Engineering: December, 26 ,2022,
Mansoura University

Thesis registration date: November, 2020 – 2022
30, 2020. Title: "Performance
Enhancement of Spectrum Sensing
Using Antenna Arrays for a Cognitive
Radio Application."

Pre-Master of Science electronics and 2018 - 2019
communications engineering,
Mansoura University

Bachelor's degree in engineering, 2012 - 2017
department of communication and
electronics. Higher Institute of
Engineering & Technology in New
Damietta

MASTER'S SUPERVISORS

Prof. Mohamed Abdelazim Mohamed

Professor at the Electronics and Communications
Engineering Department, Faculty of Engineering
Mansoura University (Main Supervisor)

Dr Ahmed Abdelnaby Kabeel

Teacher in the Department of Electronics and
Communications Engineering at the Higher
Institute of Engineering and Technology in
New Damietta.

CERTIFICATION

- ◆ ICDL.
- ◆ TOEFL.
- ◆ Web design course.
- ◆ Training certificate at Egypt Electricity Holding Company.
- ◆ Training certificate at General Electricity Network.
- ◆ Ethics of the scientific researcher from the Scientific Account Center at Mansoura University.
- ◆ Fundamentals of Digital Transformation Certificate (FDTC) from the Scientific Account Center at Mansoura University.
- ◆ Effective presentation courses from the University Performance Development Center at Mansoura University.
- ◆ Strategic planning course for higher education institutions.

WORK

- ◆ Higher institute of Engineering and Technology Tanta: 2022
Department of Communications and computers
- ◆ Manufacture of three designs from a microstrip patch antenna 2021–2022
Ultra Wide-Band and extracted the results from National Telecommunications Institute (NTI)
- ◆ Researcher at Electronics and Communications Engineering 2019 – 2022
Department, Mansoura University
- ◆ Research Assistant 2018 – 2019

TEACHING EXPERIENCE

- Statistics and probability theory
- Digital and logical circuits
- Digital communication systems
- Antenna and wave propagation
- Electronic Engineering
- Signal analysis
- Electronic devices
- Electrical communication
- Microwave engineering

LIST OF PUBLICATION

1- R. A. Youssef, M. A. Mohamed, and A. A. Kabeel, "Evaluation of Energy Detection-Based Spectrum Sensing for Cognitive Radio Applications," MEJ. Mansoura Eng. J., vol. 47, no. 6, pp. 1–10, 2022, doi: 10.21608/bfemu.2022.151033.1290.

2- R. Ahmed, M. A. Mohammed and A. A. Kabeel, "Characterization of tunable Ultra-Wideband Square Microstrip antenna with several gaps," 2022 International Telecommunications Conference (ITC-Egypt), 2022, pp. 1-6, doi: 10.1109/ITC-Egypt55520.2022.9855686.

CONFERENCES

- ♦ 2022 International Telecommunications Conference (ITC-Egypt) (speaker)

ACTIVITIES / INTERESTS

- ♦ Fitness
- ♦ Personal trainer
- ♦ Nutrition
- ♦ Yoga
- ♦ Travelling
- ♦ Volunteer work

LANGUAGE SKILLS

- ♦ Arabic: native speaker
- ♦ English: near-native speaker
- ♦ Spanish: good

COMMUNICATION SKILLS

flexibility and the ability to learn new abilities, logical and problem solving skills, ability to work in a team, communication skills, excellent written and oral English and communications, time management, creativity thinking.