

1. Name: Mahmoud A. Elghorab, Assistant Professor, Department of Communications and Computers Engineering, Higher Institute of Engineering, El-Shorouk Academy.

2. Degrees:

- B.S. (Electronics & Communications Engineering) Menofia University, Menofia, Egypt. 2006
- M.S. (Communications Engineering) Menofia University, Menofia, Egypt. 2015
- Ph.D. (Mobile Communication Systems) Ain Shams University, Cairo, Egypt. 2022

3. Years of Service on Faculty: 2

- 2022 - Present Assistant Professor

4. Other Experience:

- 9/23-6/24: Assistant Professor, Higher Institute of Engineering, Automotive and Energy Technology, Cairo, Egypt.

5. Consulting Activities (selected)

- Non

6. States in which registered:

- Cairo, Egypt.

7. Principal publications of last 5 years (selected):

- “Spectrum Allocation for Non-Orthogonal Multiple Access Heterogeneous Networks” International Telecommunications Conference (ITC-Egypt), IEEE, 2021.
- “Energy-Efficient User Pairing for Downlink NOMA in Massive MIMO Networks” Applies Sciences, 12.11, 2022: 5421.

8. Scientific and professional societies of which a member

- Egyptian Electrical Engineering syndicate.

9. Honors and awards:

- Non

10. Institutional & professional service in last 5 years:

- Taking the responsibility of preparing the file and attachments of two standards of the National Academic Reference Standards (NARS) for higher education developed by the National Authority for Quality Assurance and Accreditation of Education (NAQAAE). The first standard is the Evaluation of Learning Outcomes standard. The second is the Program Success Indicators standard.
- Participating in the preparation of the annual report for the Engineering Sector Committee of the Supreme Council of Universities.
- Internal Committees of the department: Organizing the Training and Society Service committee work. Starting from the preparation of the five-year plan report, and then preparing the annual executive plan. Finally, taking responsibility for tasks assignment to committee members. Also, participating in activities of the Projects and Scientific Research Committee.

11. Professional Development Activities in the last 5 years:

- Non.