

1. Name: **Anwar Mohamed Helaly**, Assistant Professor, Department of Communications and Computer Engineering, the Higher Institute of Engineering in Shorouk City, Cairo, Egypt.

2. Degrees:

- B.S. (Electrical Engineering) Military Technical college, Cairo, Egypt 1976
- M.S. (Communications Engineering) Cairo University, Cairo, Egypt 1984
- Ph.D. (Electrical Engineering) University of Alabama in Huntsville, Alabama, USA, 1991.

3. Years of Service on Faculty: 24

- 2/2000 - Present Assistant Professor

4. Other Experience:

- Research and development staff in electronic and communications department, Technical Research center, Egypt.
- Lecturer in different educational institutes and universities.

5. Consulting Activities (selected)

- None

6. States in which registered:

- Cairo, Egypt.

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

- **Abd-Elaty E.**, Zekry, A, El-Agooz, S, and Helaly, AM, Underlay Spectrum Sharing with L-Band Distance Measuring Equipment for Aeronautical Communications, *Wireless Pers Commun* 128, 2363-2377 (2023). <https://doi.org/10.1007/s11277-022-10045-0>.
- **E. Abd-Elaty**, A. Zekry, S. El-Agooz and A. M. Helaly, Nested Code Division Multiple Access for DME Interference Mitigation in LDACSI Aeronautical Communication System, *International Journal of Communication Systems*, Wiley, 2021.
- **E. Abd-Elaty**, A. Zekry, S. El-Agooz and A. M. Helaly, "Cognitive Radio Techniques for Utilizing the Primary L-Band Distance Measuring Equipment for Aeronautical Communications," in *IEEE Access*, vol. 8, pp. 124812-124823, 2020, doi: 10.1109/ACCESS.2020.3007741.

8. Scientific and professional societies of which a member

- Egyptian Electrical Engineering syndicate

9. Honors and awards:

- None

10. Institutional & professional service in last 5 years:

- None

11. Professional Development Activities in the last 5 years:

- Courses description, Cairo University, 02/2022.
- Self-Evaluation of Academic Programs, 11/2021.
- Exams and Student Evaluation Systems, Cairo University, 03/2021.
- Advanced Analog and Telecommunications Labs, smart Systems, 02/2021.
- Communications Engineering, Radio and TV broadcasting Institute, 07/2019.
- Electronic Correction System, 03/2019.