Curriculum Vitae (CV)

Personal and Contact Information

- Name: Hassan Yossry Ibrahim
- Date of Birth: 07/01/1989
- Gender: Male
- Email Address: hassan.yossry_pg@alexu.edu.eg, hassan.yossry.ibrahim@iaems.edu.eg
- Phone number: +201019323582, +201201466000
- WhatsApp:01019323582
- Marital Status: Married
- Military Status: Exempt

Qualifications:

- Doctor of Philosophy Degree in Physics (Optical Electronics) from the Faculty of Science from the University of Alexandria, Egypt, May 2022
- Pre-doctorate Studies for a PhD in Physics with a GPA of 3.7 from the Faculty of Science and the University of Alexandria, Egypt, 2019
- Masters of Science in Physics from the Faculty of Science from the University of Alexandria, Egypt, 2017
- Pre-doctorate Studies for MSc. In Physics with a GPA of 3.8 from the Faculty of Science, University of Alexandria, Egypt, 2012.
- BSc in Chemistry/Physics from the Faculty of Science from the University of Alexandria with a grade of very good, Egypt, 2010.

Past Work Experience:

- Work as a PhD instructor for the Engineering Faculty at the International Academy for Media Science and Engineering, 2022 till now with the following tasks
  - Preparation of Course curriculum and material.
  - Lecturing students and supervising tutorials and lab materials
  - Preparing and grading Midterm Exams and Final Exams.
  - Administrative Roles regarding Accreditation of Quality of Education
  - Supervision of the Online Education Platform Moodle and student registration system Ibn El-Haytham
  - Designing of Level 0 Students time table.
- Worked as teaching assistant for the Engineering Faculty at the International Academy for Media Science and Engineering, 2017-2022 with the following tasks:
  - Solving Problems and tutorial to Engineering students.
  - Demonstration and supervision of execution of lab Experiments for Engineering Students.
- Worked as a teaching assistant for Pharos University, 2012 – 2017
  - Supervision and Demonstration of Lab Experiments.

IT Skill:

- Excellent coding Skills in: Fortran, C, C++, and Python.
- Supervise labs on the use of Microsoft Office, and Python.

Administrative tasks:

- Program Coordinator for the Electronic Communication Engineering Department.
- Design of the Program specification for the Electronic Engineering Department.

- Supervised Several Standards required by NAQAAE (Academic Standards, Leadership and Administration, and several others)
- Designed the course specifications for Several Courses including one that are not taught by me.
- Designed an Encoding System where online reports had the names of the students removed and sent to the respective Professors during the COVID-19 Pandemic.

Courses Taught as an instructor:

- Physics 1
- Physics 2
- Computer Skills
- Electromagnetic Theory
- Computer Programming
- Technical Report Writing

Courses Taught as a Teaching assistant

- Physics 1
- Physics 2
- Math 1
- Math 2
- Math 4
- Math 5

Courses Acquired

- Self-Evaluation from NAQAAE https://naqaae.eg/ar/
- Course and Program Specification from NAQAAE https://naqaae.eg/ar/
- Teaching Strategies from NAQAAE https://naqaae.eg/ar/
- Assessment of ILOs from NAQAAE https://naqaae.eg/ar/
- Online Educator

Language Skils

- Arabic: Native
- English: Perfect fluency in English with an American accent.
- French: Beginner.

Scientific Research

- Mahran, O., N. El-Nohy, and H. Ibrahim. "Noise figure of PbSe-quantum dot fiber hybrid Raman amplifier." Optoelectronics and Advanced Materials-Rapid Communications 15.May-June 2021 (2021): 223-231.
- O. MAHRAN, N. El-NOHY, H. IBRAHIM, A numerical investigation of the gain profile of a PbSe quantum dot/Raman hybrid amplifier, Optoelectronics and Advanced Materials - Rapid Communications, 15, 5-6, May-June 2021, pp.213-222 (2021).
- Elbohy, H.Y.I., Attia, A., El-Nohy, N.A., El-Akkad, F.A., & El-Hammamy, M.N. (2018). Extra Neutrons Impact in 6He Elastic Scattering by Various Densities at Low Energies. Arab Journal of Nuclear Sciences and Applications (Online), 51(1), 14-20.