"CURRICULUM VITAE"

Ahmed
Abd El-Hamid Ahmed Mohamed El-Saady

PERSONAL INFORMATION

Address:	Suleiman Mohamed St., Shubra El-Khaymah, Qalyubia, Egypt.
Mobile:	+201283320509
Official E-mail:	ahmedabdelhameed@edu.asu.edu.eg
Date of Birth:	November 23rd, 1996.
Place of Birth:	Qalyubia.
Nationality:	Egyptian.
Marital Status:	Single.
Military Status:	Performed.

CURRENT WORK INFORMATION

University:	Ain Shams University.
Faculty:	Faculty of Education.
Department:	Department of Physics.
Address:	Al Maqrizi St., Roxy, Heliopolis, Cairo, Egypt.
Degree:	Assistant Lecturer.
General Specialty:	Physics.
Exact Specialty:	Solid state physics (Thin Membranes).
Research Fields:	▪ *Preparation of thin films and hetero junctions.* ▪ *Structural, Optical and Electrical properties of thin films.* ▪ *Photovoltaic properties of solar cells.*

EDUCATION

"Department of Physics, Faculty of Education, Ain Shams University, Cairo, Egypt."

Bachelor of Science and Education in Physics.			
19-9-2019	General Grade	Excellent with Honors and Ranked First	
	Cumulative Grade	92.56%	
General Diploma for teacher Preparation in Science (Physics).			
16-12-2020	General Grade	Excellent	CGPA 3.857 (A)
Special Diploma for teacher Preparation in Science (Solid state physics).			
24-8-2021	General Grade	High Very Good	CGPA 3.667 (B+)
Pre-Master for teacher Preparation in Science (Solid state physics).			
2022	General Grade	Excellent	CGPA 3.918 (A)
Master's degree for teacher Preparation in Science (Solid state physics).			
Title	*Analysis of the Structural and Optoelectronic Characteristics of Nanostructured Beta Metal-Free Phthalocyanine Polymorph Thin Films for Solar Cell Applications.*		
20-3-2024	General Grade	Excellent	

CAREER PROGRESSION

"Department of Physics, Faculty of Education, Ain Shams University, Cairo, Egypt."

- Demonstrator, (16/9/2020 – 4/6/2024).
- Assistant Lecturer, (4/6/2024 – Until now).

WORK EXPERIENCE

Teaching assistant for the following labs:

- Properties of Matter Lab.
- Heat Lab.
- Optics Lab.
- Electricity and Magnetism Lab.
- Alternating Current Lab.
- Electronics Lab.

SCIENTIFIC RESEARCH

1) El-Saady, A.A., Roushdy, N., Farag, A.A.M., El-Nahass, M.M., Abdel Basset, D.M.: Exploring the molecular spectroscopic and electronic characterization of nanocrystalline Metal-free phthalocyanine: a DFT investigation. *Opt. Quantum Electron.* 55, 662 (2023). https://doi.org/10.1007/s11082-023-04877-8
2) El-Saady, A.A., El-Nahass, M.M., Abdel Basset, D.M., Roushdy, N., Farag, A.A.M.: Investigating the properties of nano crystalline beta metal-free phthalocyanine films: From molecules to optoelectronic applications. *Optik (Stuttg).* 292, 171403 (2023). https://doi.org/10.1016/j.ijleo.2023.171403
3) El-Saady, A.A., Farag, A.A.M., Abdel Basset, D.M., Roushdy, N., El-Nahass, M.M.: Tailoring the optoelectronic properties of nanocrystalline β-H_2Pc films via thermal annealing: Structural, morphological, and optical analyses. *Phys. B Condens. Matter*. 669, 415339 (2023). https://doi.org/10.1016/J.PHYSB.2023.415339
4) El-Saady, A.A., Roushdy, N., Farag, A.A.M., Ashour, A.H., El-Nahass, M.M., Abdel Basset, D.M.: Influence of Gamma-irradiation on the Structural, Morphological, and Optical Properties of β-H_2Pc Nanocrystalline Films: Implications for Optoelectronic Applications. *J. Electron. Mater.* 52, 8001–8018 (2023). https://doi.org/10.1007/s11664-023-10703-4
5) El-Saady, A.A., El-Nahass, M.M., Roushdy, N., Abdel Basset, D.M., Farag, A.A.M.: Fabrication, electrical performance analysis and photovoltaic characterization of β-H_2Pc/p-Si heterojunction for solar cell device applications. *SN Appl. Sci.* 5, 286 (2023). https://doi.org/10.1007/s42452-023-05506-5
6) El-Saady, A. A., Farag, A. A. M., Roushdy, N., Abdel Basset, D. M., El-Nahass, M. M.: In-depth dielectric study of bulk nanocrystalline β-H_2Pc with different biasing and photovoltaic performance of β-H_2Pc/p-Si solar cell under varied illumination. *Indian J. Phys.* (2024). https://doi.org/10.1007/s12648-024-03267-4

LANGUAGES

Native Language: Arabic,
Advanced level in English.

TRAINING COURSES

- ✓ ICDL.
- ✓ Effective teaching.
- ✓ Scientific writing.
- ✓ Scholarly Publishing in Indexed Journals.
- ✓ TELP.
- ✓ Presentation Skills.
- ✓ Effective Communication Skills.
- ✓ Employing important Apps of Microsoft 365 in eLearning.
- ✓ Employing important Apps of Microsoft 365 in eLearning Advanced level.

CONFERENCES

- The 9th Annual Ain Shams University International Conference "The Fourth Generation of Universities between Reality and Aspiration" (2021).
- The 11th Annual Ain Shams University International Conference "Knowledge Economy ... for Better Life" (2023).

WORKSHOPS

- ❖ Managing references using the EndNote program (2022).

REFERENCES

Available upon request.