



Eman Zain Mahmoud Ali

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Education

Undergraduate Qualifications:

- **B.Sc. in Physics**, Faculty of Science, Damietta University, Egypt (2017)

Grade: Very Good.

Post-Graduate Qualifications:

- **M.Sc. in Theoretical Physics**, Faculty of Science, Damietta University (2023).

Professional Carrier :

- Assistant Lecturer of Faculty of Applied Health Sciences Technology since May 2024 till now.
- Teaching Assistant, Faculty of Science, Engineering, Nursing, and Education, Damietta University (October 2018 – August 2020)

Practical Experience:

- Certified Training of Trainers (TOT), Supreme Council of Universities (SCU), Egypt
- Training at Damietta Oncology Institute
- Training at Shoman Damietta Factory
- Training at the Optics Laboratory, Faculty of Science, Damietta University.

Scientific Activities:

- Attended the plasma school in Port Said 2019.
- Attending the Students Research Conference at the Faculty of Science, Port Said University.
- Scientific trip to the National Research Center in Cairo.
- Attended the plasma school in Port Said 2017.

Scientific Publication:

1. El-Negery, E.Z., Asaad, H., Aly, S.H. *Magneto-thermal Properties and Magnetocaloric Effect in the 3d Ferromagnetic Elements: Fe, Co, and Ni.* **Journal of Superconductivity and Novel Magnetism**, 36, 1455–1463 (2023). DOI: 10.1007/s10948-023-06580-x
2. El-Negery, E.Z., Abu Elnasr, R., Aly, S.H. *Magnetocaloric Effect in DyFe₃ and GdFe₃.* **Journal of Engineering Sciences**, (2024). DOI: 10.21608/JESBSP.2024.254846.1001

