

Sanaa El Rabaie

Contact

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Languages

English

German

Certifications

Bachelor of Science:

Physics – 1981

Faculty of science, **Menofia University**.

Master of Science:

Solid State Physics – 1987

Faculty of science, **Menofia University**.

Doctor of Philosophy in

Physics Sciences – 1993

Faculty of science, **Mansoura University**.

Courses teach

Engineering Physics 1

Engineering Physics 2

Engineering Physics 3

Experience

- Teaching Assistant at the College of Education – 1981 **Mansoura University**.
- Assistant lecturer – 1987, Mansoura **University**.
- Lecturer – 1993, **Menofia University**.
- Assistant professor – 2008, **Menofia University**.
- Professor – 2016, **Menofia University**.
- Vice Dean For Graduate Studies and Research – 2016 **Menofia University**.

Research Papers Samples

1-Green synthesis, structural, magnetic, and dielectric characterization of NiZnFe₂O₄/C nanocomposite.

2-Exploring the Structural, Thermal and Dielectric Properties of PVA/Ni_{0.5}Zn_{0.5}Fe₂O₄ Composites.

3-Mechanical, microstructure and electrical properties of ternary ZnO–V₂O₅–Mn₃O₄ varistor with sintering temperature.

4-Microhardness, microstructure and electrical properties of ZVM ceramics.

5-CdSe nanocrystals in novel phosphate glass matrix.

6-The glass transition temperature and infrared absorption spectra of: (70–x)TeO₂ + 15B₂O₃ + 15P₂O₅ + xLi₂O glasses.

7-Studies of some mechanical and optical properties of: (70 – x)TeO₂ + 15B₂O₃ + 15P₂O₅ + xLi₂O glasses.

8-Synthesis and characterization of CdS nanocrystals embedded in germanate glasses.

9-Non-linear optical and electrical properties of germanate glasses.

10-PbTe quantum dots formation in a novel germanate glass.

11-Compositional dependence thermal and optical properties of a novel germanate glass.

12-Characterization and growth of lead telluride quantum dots doped novel fluorogermanate glass matrix.

13-Novel PbSe nanocrystals doped fluorogermanate glass matrix.