



## Curriculum Vitae

- **Name: Fatma Sami Mohammed**
- **Title: Lecturer**
- **Department: Basic Science**
- **E-mail: Fatma.samy@su.edu.eg**

### A) Academic Qualifications:

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|--|-------------------|------------|
| - Bachelor's Degree in : Physics           | University: Tanta | Year: 2015 |
| - Master's Degree in : Solid State Physics | University: Tanta | Year: 2019 |
| - Ph.D. in : Solid State Physics           | University: Tanta | Year: 2023 |

### B) Academic promotions:

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|-----------------------|---------------|
| - Demonstrator,       | Date: 10/2015 |
| - Assistant Lecturer, | Date: 1/2020  |
| - Lecturer,           | Date: 2/2024  |

### C) Scientific Merit:

- Google Scholar <https://scholar.google.com/citations?user=KzQfFyAAAAAJ&hl=en>
- Citations:.....46.....                      h-index:.....4.....                      i10-index:...2...

### E) Scientific Activities

#### **2: Training Courses/workshops:**

**Attend a training program at the University of Nizwa in Oman**

## F) Scientific Publications:

### Last 10 year of published Scientific Papers

#### -International journals

1. **O. M. Hemeda, M. I. Abdel-Ati, B. I. Salem, A. M. A. Henaish and F. S. El-Sbakhy, Spectral studies of nano Ni ferrite doped with Cr ions, Eur. Phys. J. Plus (2018) 133: 531.**
2. A. M. A. Henaish<sup>1</sup>, O. M. Hemeda , B. I. Salem , Fatma S El-Sbakhy and Talal Khalass, Structural, magnetic and electrical properties of nano NiCr<sub>x</sub>Fe<sub>2-x</sub>O<sub>4</sub> synthesized by flash auto combustion method, IOP Conf. Series: Journal of Physics: Conf. Series 1253 (2019) 012025.
3. O. M. Hemeda · A. M. A. Henaish · B. I. Salem · F. S. El-Sbakhy · Mahmoud A. Hamad, The dielectric and magnetic properties of RTV-silicon rubber Ni–Cr ferrite composites, Applied Physics A (2020) 126:121.
4. F. S. El-Sbakhy, M. I. Abdel-Ati , A. M. Abdelghany, O. M. Hemeda, Structural, spectral, rietveld refinement and cation distribution of nanoferrite NiFe<sub>2</sub>O<sub>4</sub> doped with Mn, Eur. Phys. J. Plus (2021) 136:550.

## H) Skills

- Language Skills:...

© English[Excellent]

- Computer Skills:...

©Programming Language: C++ [Basic]

©MATLAB [Excellent ]

©Microsoft Tools [Professional]

©Fortran language [ Excellent