



## Hassan Hanafy

[Photonic crystals](#), [Atomic and Molecular Physics](#),  
[Material Science](#), [Adsorption](#) [Statistical Mechanics](#)



### CONTACT INFO



+966164044103



[h.hanafy@mu.edu.sa](mailto:h.hanafy@mu.edu.sa)



### LANGUAGE

Arabic

English

### EXPERTISE

- **Physics:** Photonic Crystals, Atomic & Molecular Physics, Material Science.
- **Applied Physics:** Renewable Energy, Heat Transfer, Adsorption Statistical Mechanics Models.
- **Academic Leadership:** Curriculum Development, Quality Assurance, Postgraduate Supervision.
- **Methodology:** Theoretical and Experimental Physics.
- **Teaching Excellence:** Over 10 years of specific high-level university teaching experience (Associate/Assistant Professor levels) and 30+ years total in academia.
- **Leadership:** Demonstrated leadership in Quality Assurance and Curriculum Development for higher education.

### EXECUTIVE SUMMARY

- Associate Professor with over 10 years of experience in university-level teaching and published research.
- Proven expertise in theoretical, experiment of physics.
- Proven excellent leadership in curriculum development and course delivery for under- and postgraduate students
- Proven excellent leadership in a quality assurance

### WORK EXPERIENCE

1. **1989-1995**, Demonstrator, Physics Department, faculty of science, Beni-Suef, Cairo University
2. **1995-2002**, Lecturer, Physics Department, Faculty of Science, Beni-Suef, Cairo University
3. **2002-2011**, Assistant Professor, Physics Department, Faculty of Science, Beni-Suef, Cairo University
4. **2011- 2015**, Assistant Professor, Physics Department, Zulfi College of Science, Majmaah university, Saudi Arabia
5. **2015 – Now**, Associate Professor, Physics Department, Zulfi College of Science, Majmaah university, Saudi Arabia

### ACADEMIC BACKGROUND

- **1997-1999**, PhD Degree (Atomic Physics), Internal part at Faculty of science, Beni-Suef, Cairo University
- **2000-2002**, External part at Stockholm University, Sweden
- **1991-1995**, MS. C. Degree (Experimental Physics), Faculty of Science, Beni-Suef, Cairo University.
- **1985-1989**, B. Sc. Degree (Physics), Grade “very good “, Faculty of Science, Beni-Suef, Cairo University.

### MORE ABOUT ME

- [Hassan Hanafy - Google Scholar](#)
- <https://orcid.org/0000-0002-6451-8189>
- <https://www.researchgate.net/profile/Hassan-Hanafy>