

Curriculum Vitae (CV)



Abdelmoneim Ahmed Ahmed Saleh Elsaadani

Personal Information:

Academic Rank: Assistant Professor

Department: Basic Science

Specialization: Physics

Position: Lecturer

Google Scholar: <https://scholar.google.com/citations?user=wQcjNilAAAAJ&hl=en>

Research Gate: <https://www.researchgate.net/profile/Abdelmoneim-Saleh>

ORCID Record: <https://orcid.org/0000-0001-9315-9309>

Scopus ID: -----

Email Abdelmoneim.saleh@hti.edu.eg

Mobile/WhatsApp: +20/01026669318

Degree	Discipline	Institution	Year
Ph.D.	NUCLEAR PHYSICS	ZAGAZIG UNIVERSITY	2015
M.Sc.	NUCLEAR PHYSICS	ZAGAZIG UNIVERSITY	2011
B.Sc.	SPECIAL PHYSICS	ZAGAZIG UNIVERSITY	2007

Academic Experience:

Institution: Higher Technological institute, Tenth of Ramadan city

Rank: Assistant Professor

Dates: February 2016- present

Institution: Higher Technological institute, Tenth of Ramadan city

Rank: Research Assistant (PhD student)

Dates: 2011-2015

Institution: Higher Technological institute, Tenth of Ramadan city

Rank: Teaching Assistant

Dates: 2009-2011

Research interests:

- -Nuclear Physics
- -Material Physics

Publications:

- ❑ - **Neutron transmission through pyroletic graphite crystal II** : *'Annals of Nuclear Energy journal'* (2011) 38, 802–807.
- ❑ **MgO single-crystal as an efficient thermal neutron filter.** *'Annals of Nuclear Energy journal'* (2011) 38, 2673–2679.
- ❑ **Neutron characteristics of single-crystal magnesium fluoride.** *'Annals of Nuclear Energy journal'* (2013) 60, 163-171.
- ❑ **Neutron transmission through bulk imperfect single crystals.** *'Annals of Nuclear Energy journal'* (2015) 75, 163-171.
- ❑ **2KeV Filters of quasi-mono-energetic neutrons.** *'International Journal of Engineering Science and Innovative Technology'* (2014) 3, 630-636.
- ❑ **Neutron transmission through bulk imperfect single crystals.** *'Journal of Nuclear and Radiation Physics.'* (2014) 9.
- ❑ **The Impact of CdO on the Radiation Shielding Properties of Zinc-Sodium-Phosphate Glass Containing Barium,** *Arab J. Nucl. Sci. Appl., Vol. 55, 1, 116 -126 (2022)*
- ❑ **A new focus on the role of iron oxide in enhancing the structure and shielding properties of Ag₂O–P₂O₅ glasses,** *Eur. Phys. J. Plus (2021) 136:947.*
- ❑ **Comprehensive study on structure, mechanical and nuclear shielding properties of lead free Sn-Zn-Bi alloys as a powerful radiation and neutron shielding material,** *Radiation physics and chemistry 195 (2022) 110065.*
- ❑ **Experimental and theoretical investigation on physical, structure and protection features of TeO₂-B₂O₃ glass doped with PbO in terms of gamma, neutron, proton and alpha particles,** *Radiation physics and chemistry 202 (2022) 110586.*
- ❑ **Comparative shielding features for X/Gamma-rays, fast and thermal neutrons of some gadolinium silicoborate glasses,** *Progress in nuclear energy, in press.*
- ❑ **Effect of 0.3 wt.% TiO₂ nanoparticle on the thermal, structural, and mechanical properties of Sn_{3.8}Ag_{0.7}Cu_{1.0}Zn solder alloy,** *Physica scripta 97(2022) 105709*

Certifications or Professional Registrations:

Teaching Experience:

Courses taught

- Effective teaching and learning strategies for colleges and institutes of higher education
- Exam systems and student assessment for colleges and institutes of higher education
- Description of programs and courses and evaluation of learning outcomes for colleges and institutes of higher education