



Curriculum Vitae

Name: Ahmed Mohamed Ahmed Abdel-Ghany

Title: Assistant Prof.

Department: Basic Science

Qualifications:

- Bachelor's Degree in Physics
- Masters Degree in Solid State Physics
- Ph.D in Solid State Physics

Career Hierarchy:

- | | |
|------------------------|---------------|
| - Teaching Assistant, | Date: 10-2006 |
| - Assistant Lecturer, | Date: 11-2009 |
| - Lecturer, | Date: 9-2011 |
| - Associate Professor, | Date: 3-2022 |
| -Professor | Date: None |



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Scientific Activities

1: Membership of Professional Organizations and Scientific Societies: None

2: Training Courses/workshops:

Curriculum maps and course descriptions

Preparing a self-study for higher education institutions

Effective Presentation Skills

Techniques of design and preparation of research

Exam systems and student assessment

3: Conferences, Seminars and Workshops: None

4: Teaching Scopes:

Subjects	Faculty
Engineering	Physics (1)
	Physics (2)
	Electrical Materials
	Technical Report Writing
Dental and Oral Surgery	Physics (1)
	Physics (2)
Introduction to Electronics	Information Technology



5: Scientific supervision:

Nu.	student's name	degree	University	Grant Date
1	Ahmed Mohamed Zulfakar	Masters	Azhar	2013
2	Ahmed Mohamed Zulfakar	PhD	Azhar	2017
3	Ayman Abdel Karim Bandary	PhD	Azhar	2014
4	Essam Atef Diab	Masters	Azhar	2021

6: Awards and Certificates of Appreciation: None

7: Peer reviewing of scientific research/ Projects: None

8: Other Activities:

1. Member of the Mössbour Reserch Lab., Department of Physics, Faculty of Science, Al-Azhar University, Cairo, Egypt.
2. Head master of control unit, Faculty of Engineering, Sinai University.
3. Member in quality and accreditation unit, Faculty of Engineering, Sinai University.



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Skills

- **Language Skills:** Arabic, English
- **Computer Skills:** Office, Origin.
- **Presentation skills:** Excellent.

Scientific Publications:

I: published Scientific Papers Extracted From the Masters and Ph.D Theses:

1. E.R. Shaaban, M.Y. Hassaan, A.G. Mostafa and A.M. Abdel-Ghany, "Crystallization kinetics of new compound of V_2O_5 - PbO - Li_2O - Fe_2O_3 glass using differential thermal analysis", J. Alloys Compd. 482 (2009) 440.
2. A. G. Mostafa, M. Y. Hassaan, E. R. Shaaban and A. M. Abdel-Ghany, "Structural and electrical properties of V_2O_5 - PbO - Fe_2O_3 - Li_2O glasses", Seventh International Scientific Conference, (Environment, Development, and Nanotechnology), Faculty of Science, Al-Azhar Univ., 2010, Cairo, Egypt.

II: Post-Doctoral Published Scientific Papers:

1. A.M. Abdel-Ghany, A.A. Bendary, T.Z. Abou-El-Nasr, M.Y. Hassaan and A.G. Mostafa, "Electrical Transport Properties of Some Sodium Silicate Glasses Containing By-Pass Cement Dust", Nature and Science, 12(6) (2014) 139.
2. A.M. Abdel-Ghany, A.A. Bendary, T.Z. Abou-El-Nasr, M.Y. Hassaan and A.G. Mostafa, "Structural and Electrical Properties of Some Sodium Phosphate Glasses Containing up to 35 mol% By-Pass Cement Dust", Nature and Science, 12(8) (2014) 146.
3. A.M. Abdel-Ghany, M.S.S. Saad, I.I. Bashter, T.Z. Amer, S.M. Salem and A.G. Mostafa, "Studies on Some Inorganic Oxide Glasses Used as Gamma-Ray Shields and for Radio-

Active Waste Encapsulation” Nature and Science 12(12) (2014) 162.

4. A. M. Abdel-Ghany, A. M. Zoulfakar, T. Z. Abou-Elnasr, A. G. Mostafa, “Blast Furnace Slag as a Raw Material to Manufacture Gamma-Ray Transparent Shield Glass”, American J. Physics and Applications, 3(6) (2015) 208.
5. A. M. Abdel-Ghany, T. Z. Amer, A. A. Bendary and A. G. Mostafa, “Mossbauer Spectroscopy, Electrical Transport Properties and Gamma-Ray Attenuation Coefficients of Some Sodium-Iron-Phosphate Glasses Containing Bismuth”, J. Nuclear and Particle Physics, 5(6) (2015) 101.
6. A.M. Zoulfakar, A.M. Abdel-Ghany, T.Z. Abou-Elnasr, A.G. Mostafa, S.M. Salem and H.H. El-Bahnaswy, “Effect of antimony-oxide on the shielding properties of some sodium-borosilicate Glasses”, Applied Radiation and Isotopes, 127 (2017) 269.
7. A.G. Mostafa, M.Y. Hassaan, T.Z. Abou-Elnasr, A.M. Abdel-Ghany and A.M. Zoulfakar, “Study of the IR Spectra, Force Constant and dc Conductivity of Some Antimony-Sodium-Boro-Silicate Glasses”, Al-Azhar Bulletin of Science, 9 (2017) 103.
8. A. M. Abdel-Ghany, “Structural and Physical Properties Study of Some Sodium-Strontium-Vanadium Unconventional Oxide Glasses”, IOSR J. Applied Physics, 10(3) (2018) 66.
9. A. M. Abdel-Ghany, “ME Spectroscopy and Magnetic Susceptibility Studies of Some Sodium-Boro-Phosphate Glasses Doped Two TMIs (Fe and Zn)”, IOSR J. Applied Physics, 10(4) (2018) 79.
10. A.M. Abdel-Ghany, Ahmad S. Abu-Khadra, M.S. Sadeq, "Influence of Fe cations on the structural and optical properties of alkali alkaline borate glasses", J. Non-Crystalline Solids 548 (2020) 120320.
11. A. M. Abdel-Ghany, “Influence of Halogen Ions on Electrical, Magnetic and Shielding Properties of Some B_2O_3 - V_2O_5 - Na_2O Glasses”, Egypt. J. Phy.4 (2020)
12. Essam A El kelany, Mokhtar A Hassan, A. Samir, A.M. Abdel-Ghany, H. H. El-Bahnasawy and M.F arouk, “ Optical and Mossbauer spectroscopy of lithium tetraborate glass doped with iron oxide”, Optical Materials. 112 (2021) 110744.
13. Ashraf A Abul-Magd, Ahmad S. Abu-Khadra, A.M. Abdel-Ghany, “Influence of La_2O_3 on the structural, mechanical and optical and features of cobalt doped heavy metal borate glasses”, Ceramic international (2021) In Press.