**ASRAR ABDULMUNEM SAEED Al-HAMDONEE**

**Mustansiriyah University, College of Science, Physics Dept.**

**e-mail :** [**dr.asrar@uomustansiriyah.edu.iq**](mailto:dr.asrar@uomustansiriyah.edu.iq)**,** [**asrarabdulmunim@yahoo.com**](mailto:asrarabdulmunim@yahoo.com)

**Education :**

**-** Ph. D., Physics of Materials, College of Science, University of Baghdad, 2000  
**Dissertation:** **The Effects of Antimony Compounds on The Electrical and Optical Properties of Polystyrene and Polyester.**

**-** M. Sc., Molecular Physics, College of Science, University of Baghdad, 1994.  
**Thesis:** **Measurement of Quantum Efficiency of Anthracene Molecule.**

**-** B.Sc. Physics / College of Science / University of Baghdad / 1988.

**Experience:**

* **Assistant Professor**, 2011 – up to date, College of Science, Physics Department, Al-Mustansiriyah Unviersity.
* **Lecture,** 2005 –2011,College of Science, Physics Department, Al-Mustansiriyah Unviersity.
* **Lecture,** 2004 – 2005, Dijhla University College, Department of Computer Science.
* **Lecture,** 2001 – 2004, Al-Mansour University College, Department of Computer Science.
* **Lecture,** 2000-2001, College of Science, Physics Department, AL-Anbar University.
* **Assistant Lecture**, 1994-2000, College of Science, Physics Department, AL- Anbar University.
* **Assistant Researcher,** 1988-1994, College of Science, Physics Department, AL- Anbar University.

**Conferences Participation:**

* **Twenty One Scientific Conference**/College of Education/Physics Department/Al-Mustansiriyah University/2015.
* **Eighteenth Scientific Conference**/College of Education/Physics Department/Al-Mustansiriyah University/2011.
* **International Conference** on Mathematical Applications in Engineering

(ICMAE’ 10)/ Kuala Lumpur, Malaysia / 2010.

* **Sixth Scientific Conference** in Physics/College of Science/Physics Department/Al- Mustansiriyah University/2010.
* **Seconed Specific Regional Conference in Physics** / College of Science / Physics Department / University of Mosul/2002.
* **Seconed Scientific Conference** / College of Science / Physics Department / University of Baghdad /2001.
* **First Scientfic Conference** / College of Science / Physics Department/ Baghdad University / 1996.

**Publications:**

1. Measurement of Quantum Efficiency for Anthracene Molecule. Iraqi Magazine for Science, Baghdad University Vol. 45, part C, No.1, 2004.

2- Study of Some Physical Properties for Polystyrene Filled With Lithium Fluoride Additive. Journal of the College of Education, Babylon University, Vol. 1, No. 2, 2009.

3- Effect of Addition Lithium Fluoride on Some Electrical Properties of High Density Polyethylene, Journal of the College of Education, Babylon University, Vol. 1, No.5, 2010.

4- Effect of Addition Lithium Fluoride on Some Electrical Properties of Polystyrene, Journal of the College of Education, Babylon University, Vol. 1, No.5, 2010.

5- Effect of Lithium Fluoride on Dielectric Properties of Polystyrene. Journal of the College of Education, College of Education, Al-Mustansiriyah University, Vol. 2, No.3, 2010.

6- Effect of Lithium Fluoride on Some Optical Properties of High Density Polyethylene. Al-Mustansiriyah Journal of Science, Al-Mustansiriyah University, Vol.21, No. 5, 2010.

7-Electrical Transitions For Polystyrene Filled With Lithium Fluoride Additive. Al-Mustansiriyah Journal of Science, College of Science, Al-Mustansiriyah University, Vol. 21, No. 5, 2010.

8- Electrical Properties of the Polymer Composite Polystyrene-Ni Particles. International Conference on Mathematical Applications in Engineering (ICAME’ 10) August, 2010, Kuala Lumpur, Malaysia.

9- Effect of Addition Lithium Fluoride on Dielectric Properties of High Density Polyethylene. Journal of Babylon University, Babylon University, Vol. 19, No.1, 2011.

10- Effect of Temperature on the Electrical Conductivity of Polystyrene-Ni Composites. Journal of the College of Education, College of Education, Al-Mustansiriyah University, Vol. 2, 2011.

11- An Analysis Study of the Effect of Concentration of Carbon Black on the Electrical Conductivity of Unsaturated Polyester. Journal of the College of Education, College of Education, Al-Mustansiriyah University, No.3, 2012.

12- Dielectric Constant, dielectric loss, ac conductivity of Polystyrene-Ni Composites." Atti della Fondazione Giorgio Ronchi". ANNO LXVI, 2011 –N4.

13- The Effect of Carbon Black-Bp2000 on the Electrical Conductivity of Unsaturated Polyester. Malaysian Polymer Journal, Vol. 6, No. 2, p. 135-146, 2011.

14- Experimental and Theoretical Study for the Effect of Concentration of LiF on the Electrical Conductivity of LiF-PMMA Composites. Caspian Journal of Applied Sciences Research, Vol. 1, No. 13, pp. 159-167, 2012.

15- Effect of Gamma Rays on Some Mechanical Properties of PP/PE Blends. Journal of Babylon University, Babylon University, Vol.21, No.4, 2013.

16- Partical Weight Fraction Effect on Bending of Epoxy Partical Composite. International Journal of Application or Innovation in Engineering and Management (IJAIEM), Vol. 2, Issue 11, November, 2013.

17- Optical Properties of Poly (Vinyl Chloride) /Polystyrene Blends. International Journal of Application or Innovation in Engineering and Management (IJAIEM), Vol. 3, Issue 5, May, 2014.

18- The Effect of (He-Ne) Laser Irradiation on the Optical Properties of Methyl Orange Doped PVA Films. Journal of Radiation Research and Applied Sciences. Vol. 7, pp.371-375, 2014.

19- Electrical Properties of Copper Filled Polymer Composites. Journal of the College of Education, Al-Mustansiriyah University, Vol. 5, pp. 437-448, 2014.

20- Study The Effect of Manganese Sulphate Monohydrate on Optical Properties of Polyvinyl Alcohol (PVA). Journal of the College of Education, Al-Mustansiriyah University, Vol. 3, pp. 1-12, 2015.

21- Spectroscopic Study of (PMMA-Cu) Composites. Journal of the College of Education, Al-Mustansiriyah University, Vol. 2, pp. 619-624, 2015.

22- Influence of Grain Size on the Optical Properties of Nickel Oxide Film Prepared by FR-Reactive Magnetron Sputtering. Journal of the College of Education, Al-Mustansiriyah University, Vol. 2, pp. 655-661, 2015.

23- Study Optical Properties of Pure and Methyl Red-Doped Polystyrene Films. Journal of the College of Education, Al-Mustansiriyah University, Vol. 2, pp. 704-711, 2015.

24- Sensing and Electrical Variation of Nickel Oxide Synthesis by RF-Reactive Sputtering. Elixir Thin Film Technology, Vol.82, pp. 32620-32623, 2015.

25- Study of Dielectric Properties of (PVC-MWCNTs) Polymer Nanocomposite. International Journal of Application or Innovation in Engineering and Management (IJAIEM), Vol. 4, Issue 12, December, pp. 43-47, 2015.

26- Doping and Thickness Variation Influence on the Structural and Sensing Properties of NiO Film Prepared by RF-Magnetron Sputtering. Journal of Materials Science: Materials in Electronics, Vol.27, No.2, pp.1270-1277, 2016.

27- Gamma Irradiation Effect on Structural Properties of Copper Doped Polystyrene Films. Journal of Applied Chemical Science International(JACSI), Vol. 5, No.2, pp. 83-92, 2016.

28- Structural and Electrical Properties of (LDPE-MWCNTs) Polymer Nanocomposite. Journal of the College of Education, College of Education, Al-Mustansiriyah University, Vol. 5, pp. 49-62, 2016

29- Structural and Dielectric Properties for (PVC-Ag) Polymer Nanocomposites. Journal of Multidisciplinary Engineering Science Studies (JMESS), Vol. 2, Issue 9, September, pp. 898-906, 2016.

30- Effect of Addition Methyl Green Dye on the Optical Properties of Polystyrene Films. Al-Mustansiriyah Journal of Science, College of Science, Al-Mustansiriyah University. In Press.

31- The Effect of Anthracene on Optical Properties of Polycarbonate Films. Journal of the College of Education, College of Education, Al-Mustansiriyah University, Vol.1, pp.81-94, 2017.

32- Study The Effect of Ultraviolet Radiation on the Optical Properties of Pure PC and Anthracene Doping PC Films. Journal of Applied Chemical Science International (JACSI). In press.

**Taught Subject:**

1- Physics of Waves / 2nd stage / College of Science / Department of Physics/Al- Anbar University.

2- Physics for the Students of the Department of Biology / 1st stage / College of Science / Department of Physics / AL-An bar University.

3- Electronics /2nd stage/College of Science/Department of Physics/Al-Anbar University.

4- Digital Electronics / 3rd stage /College of Science/ Department of Physics/ Al-Anbar University.

5- Mathematics / 1st and 2nd stages / Department of Computer Science / Al-Mansur University College.

6- Mathematics / 1st stage / Department Business Administration / Al-Mansur University College.

7- Interrupted Structures / 1st stage / Department of Computer Science/ Dijhla University College.

8- Mathematics / 1st stage / Department Business Administration / Dijhla University College.

9- Physics for the Students of the Department of Chemistry / 1st stage / College of Science/ Department of Physics/Al – Mustansiriyah University.

10- Numerical Analysis / 2nd stage / College of Science / Department of Physics /Al-Mustansiriyah University.

11-Optics/ 3rd stage /College of Science/ Department of Physics/ Al-Mustansiriyah University.

12- Solid State of Physics/ 4 th stage /College of Science/ Department of Physics/ Al-Mustansiriyah University.

**Skills and Qualifications:**

* Microsoft Office, Internet,
* Fluent in English
* Personal Information
* Date of Birth: 1965   
  Place of Birth: Iraq - Baghdad  
  Gender: Female  
  Marital Status: Single

**References:**

* Excellent references available upon request.