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***Curriculum Vitae***

*Zahraa Badie Ibrahim Al-Dabbagh*

New & Renewable Energies Department

College of Science
University of Mosul
 Majmo’a St., 41002 Mosul, Iraq

Telephone: +9647512021446

P.O.BOX:11191

E-mail: zahraabadie@uomosul.edu.iq

**Personal**

**Status**

Married

**Children**

3

**Place and date of birth**

Mosul, Iraq, 06 Oct 1974

**Education**

**2000-2002**

***M.Sc. in Solid State Physics***,University of Mosul, College of Science, Department of Physics, Mosul, Iraq. Thesis Title: “Study of Gamma Radiation Effects on Electrical Properties for Thin Film Capacitors of Poly Methyl Methacrylate (PMMA)”.

**1992 - 1996**

***B.Sc. in Chemistry***,University of Mosul, College of Science, Department of Chemistry, Mosul, Iraq. Final Year Project title: “Medicinal Physics: Effect of Radiation on The Properties of Some Polymers”

**1990 - 1993**

***Baccalaureate (High School)***, Al-Tahrir Preparatory School, Mosul, Iraq

**Professional Career**

**07/1997 – 07/1999**

Lab Instructor; Physics Department, College of Basic Education, University of Mosul, Iraq.

**07/1999 – 02/2002**

 Lab Instructor; Physics Department, College of Science, University of Mosul, Iraq.

**03/2002 – 09/2013**

 Lecturer; Physics Department, College of Science, University of Mosul, Iraq.

**09/2013 – recent**

 Lecturer; New & Renewable Energies Department, College of Science, University of Mosul, Iraq.

**Official Position**

**07/1997 – 07/1999**

Member of Physics Department, College of Basic Education, University of Mosul.

**09/1999 – 09/2013**

Member of Physics Department, College of Science, University of Mosul.

**09/2013 – recent**

Member of New & Renewable Energies Department, College of Science, University of

Mosul

**05/2003 – 05/2005**

Member of University Media and Information, University Presidency, University of Mosul.

***Contribution to education***

*****Teaching***

* Mechanics (Experimental), 1st year class, Department of Physics - College of Science, University of Mosul.
* Optics (Experimental), 1st year class, Department of Physics - College of Science, University of Mosul.
* Computer Science (Experimental), 1st year class, Department of Physics, College of Science, University of Mosul
* Advanced Optics, 1st year class, New & Renewable Energies Department, College of Science, University of Mosul.
* Mechanics 1, 1st year class, New & Renewable Energies Department, College of Science, University of Mosul.
* A.C. Circuits, 1st year class, New & Renewable Energies Department, College of Science, University of Mosul.
* D.C. Circuits, 1st year class, New & Renewable Energies Department, College of Science, University of Mosul.
* Nanoenergy (Experimental), 4th year class, New & Renewable Energies Department, College of Science, University of Mosul
* Nanomaterials (Experimental), 4th year class, New & Renewable Energies Department, College of Science, University of Mosul.

**Awards and other scientific activities**

**10/1999- 10/2001**

 **Masters graduate studentز**

**10/2009- 10/2011**

Research Project Member, Program of Scientific Research Provided by the University of Mosul.

**10/2002 10/2012**

 **A faculty member in the Department of Physics, College of Science, University of Mosul**

**09/2018 - recent**

Head of Researches and Academic Staff Activities Committee of New & Renewable Energies, College of Science, University of Mosul.

**09/2013 - recent**

Member of Physics Committee of New & Renewable Energies, College of Science, University of Mosul.

**05/2017 - recent**

Member of Exam Committee of New & Renewable Energies, College of Science, University of Mosul.

**09/2020**

Head of New Students Reception Committee of New & Renewable Energies, College of Science, University of Mosul.

**05/2017 - recent**

Member of Social Affairs Committee of New & Renewable Energies, College of Science, University of Mosul.

**05/2017 – 09/2020**

Member of Exam Students Guidance and Instruction of New & Renewable Energies, College of Science, University of Mosul.

**Participation in conferences and workshops**

* **2003**

Selective Physics Conference, Physics Department, College of Science, University of Mosul, 2003.

* **2011**

Special Physics Issues in Iraqi Universities Conference, Faculty of Science, University of Mustansiriya, 2011.

* **2018**

New and Renewable Energies First Symposium, College of Science, University of Mosul, April 22.2018.

* **2019**

Green Nanotechnology, Its Effects and Applications in the Environment and Medicine, College of Science, University of Mosul, April 15-16. 2019.

* **2019**
* Department Seminar, New and Renewable Energies Department, College of Science, University of Mosul, May, 2019.
* Experimental Physics and its use in medicine " held from 07 – 14 December 2019. This intensive course is part of the university cooperation between the University of Mosul and TU Dortmund University.

**Publications**

1. Aljammal, Y., Ziyad, R., Al-Dabbagh, Z., Study of Electrical Properties of Poly methyl methacrylate under different electrical fields and temperatures, , J. Eduaction & Science, University of Science, 2010.
2. Al-Dabbagh, Z., Study of Iodine Effect on Optical Properties of Unsaturated Poly styrene, J. Eduaction & Science, University of Science, 2011.
3. Al-Dabbagh, Z., Ziyad, R., Ayoub, A., Study of Optical Properties of Zinc Oxide Prepared by Sol-Gel Method; Effect of grafting and plasticizing on Its optical properties, J. Science, Almustansiriyah University, 2012.
4. Adress E. Ghadeer; Rana Z.ALfulayih; Zahraa B.Ibraheem; Study of the effect of adding glass and carbon powderon optical behavior of unsaturated polyester resin. INTERNATIONAL CONFERENCE FOR PURE AND APPLIED SCIENCES IST SAMARRA;2021.