




Dr. Estabraq T. Abdullah

CONTACT INFORMATION-
ON Baghdad University / College of Science/ Physics Department
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ADDRESS

1. Home:
Iraq / Baghdad/ Al-Jadryah,
Mobile:
2. University:
University of Baghdad, College of Science, Physics Department. Al-Jadryah, Baghdad,
IRAQ.

DATE OF BIRTH 17-July-1975

PLACE OF BIRTH Baghdad-IRAQ

CITIZENSHIP IRAQI.

MARITAL STATUS Married.

EDUCATION:

1. PhD. In Physics (January 2008).
University of Baghdad, College of Science, Department of Physics.
 - Dissertation Title: Theoretical Study of Electrical Characteristics of Nanoscale Silicon Metal- Oxide-Semiconductor Field-Effect-Transistors.
 - Thesis Advisor: Assistant Prof. Dr. Moafak Cadim Abdulrida and Assistant Prof. Dr. Harith Ibrahim Jaafer.
 - Thesis Degree: 84%.
 - Area of Study: Theoretical Study of nano Structure Devices.

2. M.Sc. In Physics (July 2000).

University of Baghdad, College of Science, Department of Physics.

- Dissertation Title: Photodegradation and Thermal Softening of Polycarbonate (PC)/DOP Composite.
- Thesis Advisor: Assistant Prof. Dr. Razzak H. Yousif and Assistant Prof. Dr. Hassan H. Mohammed
- Thesis Degree: 87%.
- Area of Study : Polymer Science

3. B.S. in Physics (June 1997)

University of Baghdad, College of Science, Department of Physics.

- Rank 13
- 70.638%

EMPLOYMENT HISTORY

- 2001: Assistant Lecture in the Physics Department, University of Baghdad. First Glass: Mechanics Lab.
- 2002: Assistant Lecture in the Physics Department, University of Baghdad. Third Glass: Digital Electronics Lab. and assistance lecture in Solid State Physics, Second Glass
- 2008-2009: Lecture in the Physics Department, University of Baghdad. Second Glass: Thermodynamics.
- 2009-2011: Lecture the Physics Department, University of Baghdad. second Glass: Analog and Digital Electronics, Introduction to polymer science for MSC student.
- 2012-2013: Lecture in the Physics Department, University of Baghdad. 4th class: solid state lab. Introduction to polymer science for MSC student.
- 2013: in July went to Malaysia, back at February
- February 2013: Introduction to polymer science for MSC student.
- 2014-2017: Lecture in the Physics Department, University of Baghdad. 4th class: nanotransistors, computer lab. Introduction to polymer science for MSC student.
- 2018-2019: digital electronics for 2nd year, Composite material for MSC

ABILITY OF
TEACHING

Analog & Digital Electronics, Thermodynamics, Solid State Physics, Introduction to Polymer Science, NanoTransistors, Matlab, composite materials.

SCIENTIFIC
DEGREE

- 2001-2008 Assistant Lecturer
- 2008-2013 Lecturer
- 2013 Ass. Prof.

LANGUAGES

Arabic, English

EXPERITE

Material Science, polymer , nanocomposite, nanomaterials
Modelling nanotransistors , MATLAB

WORK
EXPERIENCE

editor in Iraqi J. Physics

CONFERENCES

- The First National Conference of Physics and its Applications (Science College / Baghdad University) 2001.
- First Seminar of Physics (College of Science / Baghdad University) April 2008.
- Second Seminar of Physics Science (College of Science / Baghdad University) September 2008.
- 1st Scientific conference nanotechnology & its application (Baghdad University/ College of Science /Physics Dept) 2009.
- The 1st Scientific conference on nanotechnology, Advanced material & their application, (University of Technology), 2009.
- The first Iraqi-French Mathematic conference, Salahalddin University/Erbil Iraq, 2009.
- 3rd Scientific conference, Baghdad University/ College of Science /Physics Dept.,2009.
- The first Iraqi national conference for physics, Baghdad University/ College of Science /Physics Dept., 2010.
- 2nd Scientific conference nanotechnology , advanced materials &their application, (University of Technology), 2010.
- 3rd Scientific conference nanotechnology & its application, advanced materials &thier application , (University of Technology), 2011.

- 4th International scientific conference of Salahaddin University-Irbil.2011
- 3rd Scientific conference nanotechnology & its application, Baghdad University,2011.
- Seminar of "New attend in physics" , Al-Qadisya University,College of computer science & mathematics " , 2012.
- Seminar of "General review of nanoelectronics " , Wasit University, 2012.
- 1st conf. of Al-Faluja University , Baghdad, 2019.

JOURNAL PUBLICATIONS

- "UV-Irradiation Effect on PC/DOP Compoiste in the C=C Region", R. H. Yousif, E. T. Abdullah, H. H. Mohammed, Iraqi J. Physics, Vol.1, No.1, pp.22-24, (2002).
- "Theoretical Study of Electrical Characteristics of Nanoscale Silicon Metal- Oxide-Semiconductor Field-Effect-Transistors for Two Different Single Gate Insulators", Moafak Cadim Abdulrida, Harith Ibrahim Jaafer, Estabrak Talib Abdullah, Iraqi J. Physics, Vol.5, No.7, pp.154-162, (2008).
- "Study of electrical properties of gamma-irradiated polyvinyl alcohol/ crcl₃ composites films", Estabrak. T. Abdullah, Journal of Kerbala University,vol.9, no2.,2011.
- "AC electrical & dielectrical properties of PVC-MWCNT nanocomposites", Estabrak. T. Abdullah and Asama. N. Naje Indian J. of sci. and Techn., vol.4, no.7, 2011.
- "photo-fries rearrangement of PC-DOP composite " , E. T.Abdullah and R. H. Yousif, 4th International scientific conference of Salahaddin University-Irbil, vol.3, 2011.
- "optical properties of PVC/MWCNT nanocomposite", Estabrak. T. Abdullah and Asama. N. Naje, Indian J. of pure & applied Physics,No.5 ,PP.77-80, 2013
- "Study of bending properties of unsaturated polyester-glass fiber reinforced composites", Estabraq. T. Abdullah , J. al-nahrain university, vol.3, no.16, pp.129-132,2013.
- Current-voltage characteristics of CdO nanostructure ultraviolet photoconductive detector, International J. sci. environment & technology, Vol.3, pp.684-691 ,2014.
- Characterization of Au/PS/p-Si heterojunction, Issam M. Ibrahim, Estabraq. T. Abdullah, Yousif Abid Al Shaabani, Asmiet Ramizy,

Journal Of Optoelectronics And Advanced Materials Vol. 16, No. 3-4, March - April 2014.

- Study the High performance of Organic semiconductor CuPc Field Effect Transistor, Mohammed T. Hussein†, Eman K.Hassan and Estabraq T. Abdullah, International Journal of Current Engineering and Technology, vol.5(3) , pp. 1593- 1596, 2015.
- Synthesis and Characterization of PANI and Polyaniline/Multi Walled Carbon Nanotube Composite, Estabraq T. Abdullah, Reem S. Ahmed, Salma M. Hassan , Asama N. Naje, International Journal of Application or Innovation in Engineering & Management, vol.4(9), pp.130-134, 2015.
- Effect of Indium Tin Oxide (ITO) Nanoparticles on the Optical Properties Of PMMA Polymer, Asama Natik.Naje*, Salma M. Hasan, Estabraq Talib, Journal of University of Kerbala, pp.17-23, 2015.
- Electrical Properties of Polyaniline/Functionalized Multi Walled Carbon Nanotubes Composite, Estabraq T. Abdullah, Salma M. Hassan and Reem S. Ahmed, International Journal of Current Engineering and Technology, vol.6(2),pp.617-621, 2016.
- Improvement microstructural and damage characterization of ceramic composites Y2O3 – V2O5 with MgO nano particles, T. T. Issa, J. M. Hasan, E. T. Abdullah, and F. S. Shokr, AIP Conference Proceedings, vol.1727(020012), pp. 020012-1-6, 2016.
- Synthesis, Characterization and electrical properties of conductive polyaniline/functionalized MWCNT nanocomposite, to be publish in Journal of Al-Anbar University.
- Synthesis and electrical properties of conductive polyaniline/ SWCNT nanocomposites , Iraqi Journal of Physics,2017.
- Study the Electrical Properties of Carbon Nanotubes/Polyaniline Nanocomposites, IOP Conf. Series: Journal of Physics: Conf. Series **1178** (2019) 012032.