


Dr. Estabraq Talib Abdullah

CONTACT INFORMATION-
ON Baghdad University / College of Science/ Physics Department
Al-Jadryah / Baghdad
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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.
- 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.
- Area of Study : Polymer Science

3. B.S. in Physics (June1997)

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

- Rank 13

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.
- 2010: Lecture in the Physics Department, University of Baghdad. Third Glass: Analog and Digital Electronics.
- 2011-2017: ass. Prof. in the Physics Department, University of Baghdad. 4th Glass: Nanotransistors.

ABILITY OF TEACHING

Electronics, Thermodynamics, Solid Stat Physics, nanotransistors.

CONFERENCES

- The First National Conference of Physics and its Applications (Since College / Baghdad University) 2001.
- First Seminar of Physics Science (Since College / Baghdad University) April 2008.
- First Seminar of Physics Science (Since College / Baghdad University) September 2008.
- First Seminar of Physics Science (Since College / Baghdad University) September 2008.
- The international 3rd. Scientific Conference of the College of Science 2015
- AIP, Conference in Turkey, 2016.

ARTICLES

- "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", Estabraq Talib Abdullah, Moafak Cadim Abdulrida, Harith Ibrahim Jaafer, Iraqi J. Physics, Vol.5, No.7, pp.154-162, (2008).
- " AC electrical and dielectric properties of PVC-MWCNT nanocomposites", Estabrak. T. Abdullah and Asama. N. Naje. Indian Journal of Science and Technology, Vol.4, No.7, pp.731-735,(2011).

- " Optical properties of PVC/MWCNT nanocomposite ", Indian J. of pure & applied Physics, Vol.51, No., pp.77-80, (2013).
- "Current -voltage characteristics of cdo nanostructure ultraviolet photoconductive detector" Asama N. Naje, Lamia K. abbas, Ghaida Salman and Estabraq T. Abdullah, International Journal of Science, Environment, Vol.3, No.2, pp.684-691, (2014).
- " Characterization of Au/PS/p-Si heterojunction", ISSAM M. IBRAHIM, ESTABRAQ. T. ABDULLAH, YOUSIF ABID AL SHAABANia, SMIET RAMIZY, Journal of optoelectronics and advanced materials Vol. 16, No. 3-4, March - April (2014).
- "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.9, No.4, pp.130-134, (2015).
- "Study the High performance of Organic semiconductor CuPc Field Effect Transistor", Mohammed T. Hussein, Eman K.Hassan and Estabrak T. Abdullah, International Journal of Current Engineering and Technology, No.3, Vol.5, pp.1593-1596, (2015).
- "Effect of Indium Tin Oxide (ITO) Nanoparticles on the Optical Properties Of PMMA Polymer", Asama Natik.Naje, Salma M. Hasan, Estabrak Talib, 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, No.2, pp. 617-621, (April 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,no. 020012, pp. 020012(1-6), (2016)