

Curriculum Vitae
EHSAN AL-BERMANY

Department of Physics
Collage of Education for Pure Sciences
University of Babylon
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I am an assistant professor and an academic member at the department of physics. Also, I am an associate fellow of the Higher Education Academy (HEA), UK. I got my PhD/Eng in Materials Science from the University of Sheffield, UK. I had an MSc in Materials Science and BSc in Physics Science from University of Babylon, Iraq.

LANGUAGES

Arabic Mother Tongue
English: Certificated by **ILETS** and **ESOL**, The University of Sheffield, UK.

RESEARCH INTERESTS

My research area in materials science and engineering, polymer, adsorption, interface interaction, composite properties, nanocomposites and Polymer - graphene nanocomposites. Meanwhile, I am carrying out a research project into "2D nanomaterials for enhanced polymer properties, focusing on particularly graphene-based nanosheets.

RESEARCH EXPERIENCE

2016 Associate Fellow, The Higher Education Academy, PR110136, the UK.
2011- to Present Assistant Professor
2008-2011 Lecturer
2005-2008 Assistant lecturer

EDUCATION

2014–2017 **PhD/Eng**
Department of Materials Science and Engineering, Faculty of Engineering,
University of Sheffield, Sheffield, the UK.
2002–2004 **Master of Materials Science**
Department of Physics, College of Sciences, University of Babylon, Iraq.
1998–2002 **Bachelor of Physics Science**
Department of Physics, College of Sciences, University of Babylon, Iraq.

Curriculum Vitae of Ehssan Al-Bermany

HONOURS and AWARDS

- 2016** Assistance Fellow, of the Higher Education Academy, PR110136, UK.
2013 Scholarship for PhD candidate, Minister of Higher Education and Scientific Research, Iraq.
2012 Award of The Scientific Day, Ministry of Higher Education and Scientific Research, Iraq.
2012 The best research of the International conference of physics, Baghdad, Iraq.

NUMBER OF THANKS AND APPRECIATION ORDER (Letters)

- 2** The Minister of Higher Education and Scientific Research, Iraq.
19 The President of University of Babylon, Iraq.
25 Faculty Deans, Iraq.
6 Organizations, Iraq.
2 Babylon Government.

TEACHING EXPERIENCE

- 2018- 2019** **PhD and MSc**, Comprehensive examiner and committee member to approval of research projects.
Master class, Material science, UoB, Iraq.
Higher diploma, the Fundamental of Material Science, UoB, Iraq.
3rd class, Electronic and Materials Properties Lap, Analogue Electronics and Digital Electronics, UoB, Iraq.
- 2017-2018** **Higher diploma**, Composite Materials.
3rd class, Physics Statistic, Electronic and Materials Properties Lap, UoB, Iraq.
1st class, General Physics, Private Al-Hilla University, Iraq.
- 2016-2017** **PhD students**, Facilitator at the Engendering faculty, the University of Sheffield, UK,
- 2014-2017** Research experience during the PhD study at the Engendering faculty, the University of Sheffield, UK,
- 2005-2013** **3rd and 2nd class**, Physics Statistic, Electronic and Materials Properties Lap, UoB, Iraq.

REFEREED PUBLICATIONS

- Studying the Addition Effect of Nano WO₃ on the Bi_{1.6}Pb_{0.4}Sr₂Ca₂Cu₃O_{10+δ} Superconductors, Journal of Engineering and Applied Sciences, Vol: 14 (No.19) to get release in August **2019**.
- Investigation the absorption coefficient and energy band gap of Wood - Polyester Composite applying optical transmission method, Journal of Engineering and Applied Sciences, Vol:14 (No.18) to get release in July **2019**.
- Polymer/Graphene Oxide Nanocomposites: Surface Adsorption and Interfaces." PhD dissertation, University of Sheffield, UK, October, **2017**.
- Enhancement the mechanical properties of a product porcelain by a ceramic additives using ultrasonic technique, Chemistry and Materials Research, Vol 2, No.6, **2012**
- Study of some mechanical properties of PVA/TiO₂ composite at different ultrasonic frequencies, World Academy of Science, Engineering and Technology 61, **2012**.
- A thermodynamic Study of adsorption of two Days on Iraqi Bentoniet Modified clay, "European Journal of Scientific Research", Volume 67, Issue 1, September **2011**.
- Study some Physical Properties of Post-irradiation for Polystyrene Dissolved in Toluene" American Journal of Scientific Research", Issue 29, October **2011**.

Curriculum Vitae of Ehssan Al-Bermany

- A Study of Some Mechanical Properties of Iraqi Palm Fiber-PVA Composite by Ultrasonic" European Journal of Scientific Research", Volume 61, Issue 2, October **2011**.
- Fractional Free-Volume dependence of Oxygen in Beta-Irradiated Polystyrene Probed by Positron life time "Al-Kufa Journal of Physics", **2011**.
- Temperature Effect in Some Mechanical and Rheological Properties for Poly (Hydroxyethyl cellulose) high viscosity, Kerbela University Journal, Volume 8, Issue 1, **2010**.
- Study the Effect OF Irradiation Degrees Range in Some Optical Properties for Polymer (Methyl Cellulose), "Basic Education College Journal", special volume to the 2nd Conferences, **2009**.
- Study the Effect OF Irradiation in Some Rheological and Mechanic Properties for Polymer (Xanthan Cellulose), "education college Journal", Vol. 2, **2009**.
- Study The Effect OF Temperature Degrees Range In Some Optical Properties And Electrical Properties For polymer (Carboxymethyl cellulose) high viscosity, study some rheological and electrical properties for polymer-kaolin by Ultrasonic Waves," Education college Journal", Vol. 3, **2008**.
- Study some rheological and electrical properties for polymer-kaolin by Ultrasonic Waves, "Babylon University Journal", Vol. 15, No 3, **2008**.
- The effect of calcinations temperature on some thermal properties of (PS-PVA-Kaolin) composites," Babylon university Journal", Vol. 15, No 2, **2008**.
- Gamma Radiation Effect in Some Physical Properties of Polymer Xanthan Cellulose, MSc. Thesis, Collage of Sciences, University of Babylon Journal, **2005**.

REVIEWER

Publisher Journal

Springer Nanoscale Research Letters

<https://www.springer.com/materials/nanotechnology/journal/11671>

University of Babylon, Journal of University of Babylon for Engineering Sciences, (JUBES).

ISSN: 2616-9916, <https://www.journalofbabylon.com/index.php/JUBES>

Institute of Physics (IOP), Journal of Physics: Conference serious,

<https://iopscience.iop.org/journal/1742-6596>,

1st International Scientific Conference on Pure Science (**ISCPS2019**), 23 -24 January 2019, College of Education, University of Al-Qadisiyah.

<http://qu.edu.iq/icpsedu2019/>

Institute of Physics (IOP), Materials Science and Engineering: Conference Series,

<https://iopscience.iop.org/journal/1757-899X>

The 2nd International Conference of Sustainable Applied Techniques (**ICSET2019**), held in Middle Technical University (MTU), Baghdad, 6th -7th March 2019,

https://icsetmtu.org/?fbclid=IwAR2xExbi_FLwlXQ6V_3Za1ndtNKjF6dr6TClveNQAV5vbwKtM2qeMrZS48U

Science Publishing Corporation Inc, Journal of technology and engineering (UAE),

<https://www.sciencepubco.com/index.php/ijet>

First Babylon International Conference For Engineering And Information Technology (**BICEIT2018**), held in University of Babylon on 11th -12th October 2018

https://www.researchcalls.com/conference/engineering/first-babylon-international-conference-for-engineering-and-information-technology_11290

ADMINISTRATIVE EXPERIENCE

2018- to present **Head of the Quality Unit**, College of Education for Pure Sciences, University of Babylon, Iraq.

Curriculum Vitae of Ehssan Al-Bermamy

- 2015-2016** **Chairman of the Iraqi student's society**, The University of Sheffield, UK,
2010-2013 **Head of the Quality Unit**, College of Education for Pure Sciences, University of Babylon, Iraq.
2009-2011 **Head of the registration office**, College of Education for Pure Sciences, University of Babylon, Iraq.
2006-2008 **Chairman Assistant**, College of Education for Pure Sciences, University of Babylon, Iraq.
2005 **Assistant lecturer**, College of Education for Pure Sciences, University of Babylon, Iraq.
2013- to present **Chairman Assistant**, The Iraqi Environmental Protection Association (IEPA).

ADDITIONAL TRAINING


- 2015** Training to get the assistance Fellow, the Higher Education Academy, UK.
2011 IC3, Computer certificate, MS-Office and Internet Basics and development.
2010 ISO certificate from (BM TRADA- Middle East) British.
2009 I have a certificate from the center of advanced study in education by Training in India by University of M. Sergeyo of Baroda India.

CONFERENCES

- 2019** 1st International Scientific Conference on Pure Science (**ISCPS2019**), 23 -24 January 2019, College of Education, University of Al-Qadisiyah.
2018 The International Conference on Nanoscience and Nanotechnology 2018, Monday 29 January to Friday 2 February 2018, University of Wollongong, NSW, Australia.
2017 The First Iraqi Student at the University of Sheffield 29th of September, The Firth court, the University of Sheffield, UK.
2017 The NEC, Birmingham, 1st – 2nd November, England, UK.
2017 Nanotech France 2017, 27th – 30th June, Paris, France.
2016 The NEC, Birmingham, 2nd – 3rd November, England, UK.
2015 2nd University of Sheffield Engineering Symposium (USES), 24th June 2015, The Octagon Centre, University of Sheffield, UK.
2015 5th Annual Postgraduate Symposium on Nanotechnology, Monday, 14th December 2015, School of Chemistry, University of Birmingham, UK.
2014 1st University of Sheffield Engineering Symposium (USES), 22nd June 2014, The Octagon Centre, University of Sheffield, UK.
2012 ICCESSE 2012: International Conference on Computer, Electrical, and Systems Sciences, and Engineering during January 29-31, Dubai, United Arab Emirates.
2012 the International Conference on Physics, college of education for pure sciences, University of Babylon and College of Sciences, University of Baghdad, Iraq.
2012 4th Scientific conference, a collage of Basics sciences, University of Babylon, Iraq.
2009 3rd Scientific conference, a collage of Basics sciences, University of Babylon, Iraq.
2004 Postgraduate student's conference, College of Sciences, University of Babylon, Iraq.

Declaration:

I hereby declare that the details specified above are true to the best of my knowledge and belief.



EHSSAN AL-BERMANY
Place: Babylon, Iraq

Curriculum Vitae of Ehssan Al-Bermany

Date: 20/02/2019