Curriculum Vita

الاستاذ المساعد الدكتور رائد عباس صالح الحمداني

Asst. Prof. Dr. Raied Abass Saleh AL-Hamadany
Date of Birth : 08-05-1978
Address: Baghdad, Iraq
Affiliation: Physics Department, College of Education for Pure Science, Thi-Qar, Iraq.
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Academic Qualifications:

2001 – B.Sc. in Physics, Physics Department, College of Science, Baghdad University, Baghdad, Iraq.

2004 – M.Sc. in Physics, Physics Department, College of Science, AL-Mustansiriah University, Baghdad, Iraq.
Thesis title: Preparation and study the impact of heat treatment on physical properties of ferromagnetic binary system Fe-Ni.

2014 – PhD in Nano-Materials, School of Electrical and Electronic Engineering, Newcastle University , Newcastle upon Tyne, Newcastle, UK.
Thesis Title: Quantum Mechanical study of point and molecular defects in Perovskite nano-systems.

Key Competencies and Skills:

1. **Teaching in Higher Education institutes for 12 years**
2. **Lab supervision**
3. **Demonstration in Newcastle University (UK)**

Experiences:

1. **An assistant lecturer in Physics Department - College of Science - Thi-qar University – Iraq for 3 years.**
2. **A Lecturer in Physics Department - College of Science - Thi-qar University – Iraq for 2 years.**

3. A Lecturer in Physics Department - College of Science - Thi-qar University – Iraq for 2 years.
4. Supervision on B.Sc. Solid State Physics Labrotary in Thi-Qar University - College of Science – Dept. of Physics for one years.
5. Demonstration in School of Chemistry – Newcastle University for 0ne course.

Puplications

1. **Raied Al-Hamadany**, J. P. Goss, P. R. Briddon, Shahin A. Mojarad, Meaad Al-Hadidi et al. Journal of Applied Physics, 113, 024108 (2013).
2. **Raied AL-Hamadany**, J. P. Goss, P. R. Briddon, Shahin A. Mojarad, A. G. O'Neill et al. Journal of Applied Physics, 113, 224108 (2013).
3. Meaad S AL-Hadidi, J P Goss, P R Briddon, **Raied A Al-Hamadany** et al. Journal of Physics: Conference Series, 472, 012006 (2013).
4. Shahin A. Mojarad, Kelvin S. K. Kwa, J. P. Goss, Zhiyong Zhou, Nikhil K. Ponon , **Raied Al-Hamadany** et al. Journal of Applied Physics, 111, 014503 (2012).
5. Shahin A. Mojarad, J. P. Goss, Kelvin SK Kwa, Zhiyong Zhou, **Raied Al-Hamadany**, Daniel J. R. Appleby, Nikhil K. Ponon, Anthony O'Neill, Applied Physics Letter, 101, 173507 (2012).
6. Oras A. Al-Ani, J. P. Goss, N. E. B. Cowern, Patrick R. Briddon, Meaad Al-Hadidi, **Raied Al-Hamadany**, M. J. Rayson, Solid State Phenomena, 242, 224 (2016).

7. M. Al-Hadidi, .J. P Goss, P. R. Briddon, **Raied AL-Hamadany**, M. Ahmed, M. J. Rayson, Modelling and Simulation in Materials Science and Engineering 23 (1), 015002 (2015).
8. **Raied AL-Hamadany**, Advanced Journal of Scientific Research, 1,5 (2016).
9. Meaad Al-Hadidi, J. P. Goss, P. R. Briddon, **Raied Al-Hamadany**, Mariam Ahmed, M. J. Rayson, Ferroelectric, 498, 12 (2016).

10. **Meaad S AL-Hadidi, J. P. Goss, P. R. Briddon, <u>Raied A Al-Hamadany</u>, Mariam E. Ahmed, M. J. Rayson, IOP Conference Series: Materials Science and Engineering, 80, 012002 (2015).**
11. **<u>Raied AL-Hamadany</u>, Thi-Qar University Journal , under publication.**

Conferences and Scientific Meetings:

1. **Postgraduate Resaerch Conference-2011, Newcastle University, UK.**
2. **Annual Research Conference-2012, Newcastle University, UK**
3. **Workshop on Oxide Electronics-2012, 30 September - 3 October 2012, University of Twente, Apeldoorn, Netherland.**
4. **Annual Research Conference-2013, Newcastle University, Newcastle, UK.**
5. **Ferroelectric -2013, Sheffield University, UK.**
6. **AIMPRO.2013, 3-7 June 2013, University of Surrey, Guildford, UK**
7. **Dielectric 2013, 10-12 April 2013, University of Reading, Reading, UK.**
8. **International Conference for Students on Applied Engineering (ICSAE), 20-21 October 2016, Newcastle university, Newcastle, UK.**

Languages:

1. **Arabic (Native language).**
2. **English (Very good level in speaking, reading and writing).**

Programmes:

1. **LINUX**

2. **LATEX**
3. **PERL**
4. **MS. Office**
5. **AIM View**
6. **GNUPLOT**

<u>References:</u>

Available on request