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

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

1. LINUX

2. LATEX
3. PERL
4. MS. Office
5. AIM View
6. GNU PLOT

References:

Available on request