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## Curriculum Vitae **Awras Hameed Ajil Al-Rikabi**

### **Personal**

**Date and place of birth:** 1<sup>st</sup> April, 1971, Baghdad, Iraq

**Present address:** University of Baghdad/Collage of Science/Department of Physics.

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### **Educational Degrees/Certificate**

1994-1997	- M.Sc. in Physics, Grade: Good 78,92% , Academic (24 Units) + Research/Thesis (12 Units) AL-Nahrain University (formerly Saddam's Uni.), College of Science, Department of Physics.
1990-1993	- B.Sc. in Physics, Grade: Good 74.158%, Rank 10/113 graduates Baghdad University, College of Science, Department of Physics.

### **Teaching experiences**

2014- Now	Department of Physics/ Collage of Science/ University of Baghdad – Baghdad - IRAQ Assistant lecturer /Lab Instructor - In Mechanics & Electricity – 1 <sup>st</sup> year Physics students - In General Physics – 1 <sup>st</sup> year Biology students
2008-2013	Faculty of Informatics and Communications Engineering/ Arab International University - SYRIA Assistant lecturer/ Lab Instructor/ courses - Physics I for Informatics and Communications Engineering students – 1 <sup>st</sup> year - Physics II for Informatics and Communications Engineering students – 1 <sup>st</sup> year - Physics for civil Engineering students – 2 <sup>nd</sup> year
1999-2007	Department of Astronomy/ Collage of Science/ University of Baghdad – Baghdad -IRAQ Assistant lecturer /Lab Instructor - In General Mechanics & Electricity – 1 <sup>st</sup> year Physics students - In Numerical Analysis – 3 <sup>rd</sup> year Physics Students - In Nuclear and Atomic Physics – 4 <sup>th</sup> year Physics Students
1997-1999	Department of Nuclear Engineering/ collage of Engineering/ University of Baghdad – Baghdad -IRAQ Assistant lecturer /Lab Instructor - In General Physics – 1 <sup>st</sup> year Nuclear Eng students - In Nuclear & Atomic Physics – 2 <sup>nd</sup> year Nuclear Eng Students - In General Mechanics – 1 <sup>st</sup> year Nuclear Eng Students
1993-1994	Department of Astronomy/ Collage of Science/ University of Baghdad – Baghdad –IRAQ Lab Instructor - General Physics – 1 <sup>st</sup> year Physics students

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1992-1993	Department of Physics/ Collage of Science/ University of Baghdad – Baghdad - IRAQ Lab Instructor - Solid State Physics – 4 <sup>th</sup> year Physics students
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**Awards and Honours**

Got 1 thank from president of head department 6 thanks and honour from the Dean of the College and 2 thanks and honours from the president of the university.

**Attended Workshops, Training course and conferences**

- Participating in a Training course on “How to Publish and Design Scientific Research”, on (30/1/2019) at Developing and Continuing Education Centre, Baghdad University, Baghdad, IRAQ.

- Participating in The 5<sup>th</sup> Conference for “Postgraduate Students Researches are the Fruit of creativity and the foundation of the Future” on (25-26/12/2018) at Collage of Science, University of Al-Nahrain, Baghdad, IRAQ.

- Participating in a Training course on skills development in English Language, on (9-12/12/2018) at Developing and Continuing Education Centre, Baghdad University, Baghdad, IRAQ.

- Participating in The 4<sup>th</sup> Conference for “Low Dimensional Materials and Its Applications CLDMA 2018” from (5-6/12/2018) at Department of Physics, Collage of Science, University of Baghdad, Baghdad, IRAQ.

- Participating in a workshop on “Project Management Professional PMP” on (7-8/11/2018), at Al-Khawarizmi Collage of Engineering, Continuous Learning Unit, Baghdad University, Baghdad, IRAQ.

- Participating in a workshop on “Work on Fullbright” on (5/11/2018), at Al-Khawarizmi Collage of Engineering, Continuous Learning Unit with Department of Engineering of Life Medicine, Baghdad University, Baghdad, IRAQ.

- Participating in a Training course on Arabic Language Integrity, on (4-8/11/2018) at Consulting Bureau of Information Systems and Computing, University of Baghdad, Baghdad, IRAQ.

- Participating in The 6<sup>th</sup> International Scientific Conference for “Nanotechnology and Advanced Materials and their Applications ICNAMA 2018” from (2-3/5/2018) at Nanotechnology and Advanced Materials Research Centre, University of Technology, Baghdad, IRAQ.

- Participating in The 2<sup>nd</sup> Specialized Conference in “Physics and its Applications” from (25-26/4/2018) at Department of Physics, Collage of Science, University of Baghdad, Baghdad, IRAQ.

- Participating in International Scientific Symposium on “Materials Science and Future Prospects in Industry and Other Sciences” on (28/3/2018) at Department of Physics, Collage of Science, University of Baghdad, Baghdad, IRAQ.

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- Participating in a Training course on skills development in English, on **(25/2/2018)** at Consulting Bureau of Information Systems and Computing, University of Baghdad, Baghdad, IRAQ.
- Participating in The 1<sup>st</sup> International Scientific Conference for Collage of Science “Advanced Science is a Foundation for Construction and Development” from **(21-22/11/2017)** at, University of Al-Nahrain, Baghdad, IRAQ.
- Participating in International Scientific Conference on **(52-26/10/2017)** at Institute of Genetic Engineering and Biotechnology, University of Baghdad, Baghdad, IRAQ.
- Participating in a workshop on “Bacterial Antimicrobial Peptides (AMPs)” on **(20/3/2017)**, at Department of Biology, Baghdad University, Baghdad, IRAQ.
- Participating in The 3<sup>rd</sup> Conference for “Postgraduate Students Researches are the Fruit of creativity and the foundation of the Future” on **(21-22/12/2016)** at Collage of Science, University of Al-Nahrain, Baghdad, IRAQ.
- Participating in a workshop on “Google Scholar & Research Gate” for scientific promotion, on **(26/4/2016)**, at Developing and Continuing Education Centre, Baghdad University, Baghdad, IRAQ.
- Participating in the Scientific Ideas Exhibition **(15/5/2015)**, at Collage of Science, Department of Physics, Baghdad, IRAQ.
- Participating in a workshop on “Strategic planning, management and decision making” from **(15/2/2016-22/2/2016)** for National Office for Administrative and Finance Consultations and Training, Baghdad, IRAQ, was raised at Beirut, LEBANON.
- Participating in the first Conference on “Sustainable and renewable energy”, from **(9/2/2015 to 10/12/2015)**, at Iraqi Society of Engineers, Baghdad, IRAQ
- Participating in a workshop on “Phase IV: Nanotechnology Capacity Building” **(30/6/2013) to (25/7/2013)** for Dr. Omer Salih Mohamed Nour (Department of science and Technology, Campus Norrköping, Linköping University, Norrköping, Sweden). TOKTEN assignment duration. The total load work is at Physics/Chemistry Faculty of Science, Chemical Engineering, and University of Khartoum. We applied practically the Low Temperature Chemical Growth of Composite Nanostructures, in SUDAN.
- Teaching Methods & Educational Habituation Courses, from **(23/4/2006 - 30/5/2006)** Centre of Development and Continuous Education - University of Baghdad, Ministry of Higher Education and Scientific Research, Ranked (8/30), excellent grade, Certificate at 1/6/2006, Baghdad, IRAQ.
- Participation in the 7th Arab Conference of Physics & Astronomy 15-17 Aug 2005, Amman, Jordan.

**Memberships and Recommendations**

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- Recommendation from The Supervisor on the M.Sc. D. Shakir J. Shakir / Professor of physics / Head of Physics Dept. / College of science / AL-Nahrain Uni. at 1997, and from Dr. Ali Talib / Professor of Ph-ysics / Head of Astronomy Dept. / College of Science / University of Baghdad at 2007.
- Recommendations from Prof. D. Ahmed Housari, The supervisor of Physical laboratories for first and second years in the Informatics Technology & Engineering faculty / Arab International University, and from Prof. D. Mohammad Saed Safadi the Dean of Informatics Engineering faculty / Arab International University (Syria) at 2013.
- Recommendation from Prof. D. Marwan Zabibi the Dean of Informatics Engineering faculty / Arab International University (Syria) at 2013.
- Recommendation from Prof. D. Raad A. Radi, the Head of Department of Physics/ Collage of Science/ University of Baghdad at 2016.
- Recommendation from Prof. D. Maysoon F., Ahmed Staff member of Department of Physics/ Collage of Science/ University of Baghdad at 2016.

**Research and Teaching Experience**

- **Immediate/ medium term:** To develop research and practical experience in an aspiring innovative sector of physics and technology, using advanced centres with top-notch facilities.
- **Long term:** To be part of a scientific team that provides humanity with valuable and safe technology and to add to the human understanding of this world.
- Research Experience from Master's Degree (Iraq)
- User of various software and experimental devices on daily basis (Iraq & Syria)
- Supervisory position of the Physics Lab for 1st & 2nd year Informatics & Communication Engineering students – Arab International University (Syria)

**Publications**

- 1- Published research “*An empirical model for calculating monthly average daily global solar radiation based on temperature for five cities of different climate in Iraq*”, Journal of Applied Science and Engineering, vol.21, no.4, pp.497-506, December -2018 (TAIWAN).
- 2- An accepted research “*Deposited Cu (In, Ga) Se 2(CIGS) by spin-coating technique as an absorber layer of solar cells*” conference of ICINAMA at University of Technology on 2018 (IRAQ).
- 3- Published research “*The effect of gamma ray on total leukocytes, lymphocytes and neutrophils on blood samples of smokers compared to non-smoker donors*”, Iraqi Journal of Hematology, vol.6, no.1, pp.1-5, May-2017 (IRAQ).

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4- Published research "**HARLIN model for prediction of solar radiation for Baghdad city**", Iraqi Journal of Science, vol.58, no.2A, pp.646-652, April-2017 (IRAQ).

5- Published research "**Study the characterization of CdS/PMMA nanocomposite thin film**", Iraqi Journal of Physics, volo.14, no.29, pp.191-197, April-2016 (IRAQ).

6- Writing, proofing & publishing in participation with Prof A Housari of a *Book for advanced experiments in physics for Informatics, Civil & Communication Engineering students, Physics Exercise Solution Books*, & a book for the public "**How machines work**" in 2 parts, 2012 (SYRIA).

7- Published an article on "**The approaching of mars to earth**", SADDAM's University, Journal Presidency of Baghdad University at 2007 (IRAQ).

8- Published research "**The day of the moon and the factors which effected on It**", The Iraqi Journal of Science for college of Science / Baghdad University, 2001(IRAQ).

9- Published M.Sc. research "**Analysis & prediction of solar radiation in Iraq**", (Grade 86%) the Journal of the College Science / AL-Nahrian University, 1997(IRAQ).

## References

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