Curriculum Vitae

1. **Name:** Bilal K. Ahmed AL-RAWI
2. **Address:** Erbil – Iraq.
3. **Place and birth date:** Baghdad 1975.
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5. **Married, No. of children: 5**
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1. **Education:**

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| --- | --- | --- | --- |
| **Degree** | **University** | **Country** | **Year** |
| \*B.Sc. Physical science | AL-Anbar | Iraq | 1997 |
| \*High Diploma in computer center  | Iraqi commission for computer & information | Iraq | 2001 |
| \*M.Sc. Physical science | Al-al-Bayt | Jordan | 2004 |
| \*PHD Physics students in research project  | AL-Anbar | Iraq | 2017 |

1. **Professional Experience:**

1997-2000 Programming Lab supervisor/ Computer center

1999-2000 Operating system Lab. Supervisor/ College of computer

2004 Present Lecturer/ College of computer& College of Science

2008-2016 Director of Computer & Information Technology Center.

2011 Director of AVICENNA Virtual Campus in AL-Anbar University.

2011Director of E-Learning centers in AL-Anbar University.

2015-2017 Lecturer/ College of Science.

2017 Lecturer/ College of Education for Pure Sciences

1. **M.Sc. dissertation:** {A Study of the Stability in Optical Data Storage System (Azo-Dyes Doped Polymer)}.
2. **Ph.D. dissertation:** {Modeling the Electronic Properties of AlAsxP1-x Nanocrystal Alloying Composition Using Density Functional Theory)}.
3. **Publications:**
4. Diagnosing computer errors.
5. Manager of the data base in university.
6. DCT Image Compression by Run-Length and Shift Coding Technology.
7. Mohammed T. Hussein, Asmit Ramizy , Bilal K. Ahmed and Hamid A.Fayyadh, “***Study the electronic properties of Al Asx P1-x Nanocrystal Alloying Composition, Using Density Functional Theory”,*** Journal of Non-Oxide Glasses, *Vol. 8, No 2, p. 37 – 45, (2016)*. (**Thomson Reuters)**
8. Mohammed T. Hussein, Asmit Ramizy , Bilal K. Ahmed and Hamid A.Fayyadh “***Ab-initio Density Functional Theory Core and Concentration of Al Asx P1-x Nanocrystal Alloying Composition”,*** International Journal of Scientific & Engineering Research*, Vol. 7, Issue 3, (2016).* **(Global)**
9. Mohammed T. Hussein, Asmit Ramizy and Bilal K. Ahmed, ***“First principles calculations of AlAsxP1-x ternary nanocrystal alloying composition”,*** Iraqi Journal of Physics, *Vol.15, No.33, PP.54-62,* (2017).
10. Mohammed T. Hussein, Asmit Ramizy and Bilal K. Ahmed, ***“Electronic Properties of AlAsxP1-x Alloying Composition Nanocrystal Using Density Functional Theory”***, Indian Journal of Natural Sciences, Vol.7 , Issue 42 , (2017). **(Thomson Reuters)**
11. Bilal K. Al-Rawi & Asmiet Ramizy; **“Modeling the Vibrational Properties of InSb Diamondoids and Nanocrystals Using Density Functional Theory”**; Journal of Inorganic and Organometallic Polymers and Materials; DOI 10.1007/s10904-018-1037-y; **(Springer).**
12. Bilal K. Al-Rawi; **“Gallium Nitride Nanocrystal Spectroscopic Properties using Diamondoids Structures”**; Indian Journal of Natural Sciences; Vol.8 / Issue 46 / February 2018.
13. Bilal K. Al-Rawi; “***IR-Raman of Silicon Carbide Nanocrystal Cluster and Vibrational Spectroscopy Properties at the PBE/6–31G”****; Tikrit Journal of Pure Science; 2018 Volume: 23 Issue: 4 Pages: 67-73.*
14. **Seminars and conferences:**
15. Development of Information Technology in Higher Education in Iraq. Higher Education-Iraq.
16. Development of Information Technology in Higher Education in Iraq. Liverpool-UK.
17. AVICENNA Virtual Campus In IRAQ-Philadelphia University-Jordan.(6-2011).
18. PG net – L.J.M University - Liverpool –UK.
19. AVICENNA Virtual Campus In IRAQ-Philadelphia University-Jordan.(9-2011).
20. **Authorship:**

**The basics of computer and office applications** (2014-2015): To be an introduction to the basics of a computer to approve curriculum Undergraduates in the First class to the Universities of Iraq.

1. **Certificates:**
2. ICDL.
3. CISCO Instructor.
4. IC3 Instructor.
5. IELTS.
6. ITP TOEFL.
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