



## Curriculum Vitae (CV)

**Name:** Jameel Mohammed Ameen Sulaiman

**Date & Site of Birth:** 2<sup>nd</sup> /January / 1961. Salahuddin, Iraq.

**Sex:** Male.

**Nationality:** Iraqi.

**Marital Status:** Married.

**Number of Children:** Three.

**Languages:** Arabic, English.

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### **Qualification:**

1. B.Sc. in Physics College of Education, University of Baghdad, Baghdad- Iraq 1982.
2. M.Sc. in Physics / College of Science / University of Mosul, Mosul-Iraq, 2005.
3. Ph.D. in Applied physics, (*Thesis: "Preparation and Characterization of PANi / Ferromagnetic/ Ferroelectric Composites for Electromagnetic Shielding Behavior"*), University of Technology, Dept. of Applied Sciences, Baghdad- Iraq, 2018.

### **Professional and Academic Experiences:**

1. Information Center and Archive, Baghdad – Iraq, 1986-1988, Head of documentation.
2. Physics Research Center, Baghdad - Iraq, 1988-1991, scientific researcher
3. Optics & Optoelectronics Research Center, Baghdad – Iraq, 1991-1993, scientific researcher.
4. Laser Research Center, Baghdad – Iraq, 1993-1996, scientific researcher.
5. Scientific researcher, Al-Kindy Research Center, Infrared Detectors Lab., Mosul – Iraq, 1996-2002.
6. University of Mosul – College of Dentistry- Dept. of Dental Basic Sciences, 2005-2011, Assistant Lecturer,
7. Decision Dept. of Dental Basic Sciences, from 14/11/2006 until 07/11/2010.
8. On 22/05/2011 Lecturer, University of Mosul – College of Dentistry- Dept. of Dental Basic Sciences.
9. Doctoral Fellowship at Technology University Baghdad – Iraq, (for the academic years (2013-2014 to 2017-2018)

### **National and International Memberships:**

1. Faculty member of the college of dentistry – University of Mosul.
2. Member of the Iraqi Teachers Union.

### **Published Papers:**

1. Electronic Control Circuit for Solar Battery Charging, Romanian Report in Physics, Vol. 59, No. 1, P. 91-102, 2007.
2. Detecting the light transmittance of liquids using an electronic circuit, Journal of Education and Science, ISSN 1812-125X, Vol.22, No.3, 2009.

3. Analysis of Intensity in Different Light Cure Units Used in Dentistry, Al-Rafidain Dent J, ISSN: 1812-1217, Vol.10, No.1, 2010. pp: 192-197.
4. Effect of X-ray Radiation on Electro-Optical Characteristics of CR-39 Sheets by Using Microwave and FTIR Spectroscopy Techniques, JNUS, Journal of Al Nahrain University \_Science, Volume 15. No.4. December-2012, pp. 138-143.
5. Comparison Study for the Quantity of Titanium Exist in Different Type of Dental Alloy. Accepted for publishing in Al-Rafidain Dent J, March 14, 2013.
6. An in – Vitro SEM Comparative Study of Dentine – Biodentie Interface. J Bagh College Dentistry, Vol 26(1), March 2014, Pp 42-48.
7. Magnetic and Dielectric Properties of  $\text{CoFe}_2\text{O}_4$  and  $\text{Co}_x\text{Zn}_{1-x}\text{Fe}_2\text{O}_4$  Nanoparticles Synthesized Using Sol-Gel Method, Journal of Magnetics 22(3), 406-413 (2017).
8. Electromagnetic interference shielding and microwave absorption properties of cobalt ferrite  $\text{CoFe}_2\text{O}_4$ / Polyaniline composite, Applied Physics A (2018) 124:380.
9. Enhancement of Electromagnetic interference shielding based on  $\text{Co}_{0.5}\text{Zn}_{0.5}\text{Fe}_2\text{O}_4$ /PANI-PTSA nanocomposites. Applied Physics A, (2020)126:236  
<https://doi.org/10.1007/s00339-020-3413-z>
10. Antibacterial activity of cobalt ferrite ( $\text{CoFe}_2\text{O}_4$ ) nanoparticles against oral enterococci, Materials Science Forum. Vol. 1002, 2020. ISSN: 1662-9752

**Training courses:**

1. Participation in the international fair of Turkish military industries for the period 25/4 to 2/5/1989/Turkey-Ankara.
2. Training course in high speed cameras/Switzerland - Zurich - Detikon / Weinberger Company, on 25/10/ 1989 to 2/11/1989.

3. Training course for three days about “Magnetic & ferromagnetic materials and their uses in modern fields scientific and military”, the lectures given by Prof Dr. Dean technological Institute in Russia, Baghdad, on November, 1996

#### **Seminars:**

1. Laser Applications in Dentistry, seminar submitted in submitted in Department of Dental Basic Sciences. November, 2006.
2. Plasma and LCD screens, seminar submitted in Department of Dental Basic Sciences. October, 2007.
3. Annual Extended Seminar, Effects of Global Warming, seminar submitted in Department of Dental Basic Sciences. 21<sup>th</sup> April, 2010.
4. Nuclear and Renewable Energy, Energies for the 21<sup>st</sup> Century, seminar submitted in Department of Dental Basic Sciences, 25/05/2011.
5. Biosensors and their applications, seminar submitted in Department of Dental Basic Sciences, at University of Mosul – College of Dentistry, November 2019.

#### **Conference Attendances:**

1. 1<sup>st</sup> Specialized Symposium of Oral and Maxillofacial Surgery. University of Mosul. 15.4.2008, (*Oral Speaker: Laser application in Dentistry*).
2. The Sharjah International Conference on Nuclear and Renewable, Energies for the 21<sup>st</sup> Century, April 3-5, 2011 College of Sciences University of Sharjah, Sharjah, United Arab Emirates.
3. 5<sup>th</sup> Saudi Science Conference, held on April 16-18, 2012 at Umm Al Qura University Makkah, Saudi Arabia.

4. FDI 2013 AWDC, Annual World Dental Congress, Istanbul/ Turkey, August 28-31, 2013. (*Oral Speaker: An in – Vitro SEM Comparative Study of Dentine – Biodentie Interface*).