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| **Personal Particulars** |

**Nationality: Iraqi**

**Gender: male**

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| **Academic Information** | | | |
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| * **Degree** : **PhD** * **Title : Assistant Prof** * **Position : Head of Dept. (retired)**   **Published Papers**:   1. **Saad A.M.Salih , M.S.Mehdi , M.A.Hassan , "Laser produced plasma propellant " Military**   **Engineering College Journal , Vol.11,No.7, Aug.2000 .**   1. **Walid K. Hamoudi, Adel K. Hamoudi , Saad A.M. Salih "Modeling of 3-D keyhole CO2**   **laser welding of steel", IJAP(Iraqi Journal of Applied Physics) , V.6 , Issue (1) , Jan-March ,**  **2010 .**   1. **Adel K. Hamoudi , Walid K. Hamoudi ,Saad A.M.Salih "HAZ and Melts Limits of 3-D CO2**   **Laser Welding ", IJAP , Vol. (2) , June 2011.**   1. **Saad A.M.Salih , Walid K.Hamoudi , Adel K. Hamoudi ," Laser Thermal Input Effects On**   **Deep Penetration CO2 laser welding of carbon steel" Al-Nahrain Univ. College of Engineering**  **Journal (NUCEJ), Vol.15, No.2, 2012.**   1. **Saad A. Mohammed Salih and Mayameen S. Kadhim,"Fabrication and Investigation of**   **Nanostructured Monolayer Porous Silicon (PSi) Based for SiliconSolar Cell Applications"**  **Al-Nahrain Univ. College of Engineering Journal (NUCEJ), Vol.18, No.2, 2015, PP.-309-314.**   1. **Saad A. Mohammed Salih and Baraa F. Abdul Ameer, “ Fabrication of Light Trapping Thin**   **Film Structure for Efficient Si Solar Cell by Laser Treatment”, International Journal of Science**  **and Research (IJSR) ISSN: 2319-7064 Index Copernicus Value (2015): 78.96 | Impact Factor**  **(2015): 6.391 Volume 6 Issue 3, March 2017**   1. **Saad A. Mohammed Salih,”**  **Porous Silicon Refractive Index Measurements with the Assistance of Two types of Lasers”, Al-Nahrain Journal for Engineering Sciences (NJES),**   **Vol.20 No.5, 2017 pp.1034-1039.**   1. **Saad A. Mohammed Salih and Maryam Q. Jaleel, “ CO2 Laser Surface Treatment of (Si3N4) Engineering Ceramic”, International Journal of Engineering and Applied Sciences (IJEAS) ISSN: 2394-3661, Volume-5, Issue-3, March 2018.** | | | |
| **Academic Qualification** | | |

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| * **B.Sc.**   **Field of Study : Applied Physics**  **University : Univ. of Technology**  **Location : Baghdad / Iraq**  **Graduation Date : 1981**   * **M.Sc.**   **Field of Study : Laser Technology**  **University : Univ. of Technology**  **Location : Baghdad / Iraq**  **Graduation Date : 2000**   * **PhD**   **Field of Study : Laser and Optoelectronics**  **University : Univ. of Technology**  **Location : Baghdad / Iraq**  **Graduation Date : 2006** | |
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| **Field of Experiences and Interest**   * **Different laser & optoelectronics Fields, power electronics, Medical Lasers, Geometric Optics, Advanced laser physics (M.Sc.).** |

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| **Experience**   |  |  | | --- | --- | | **1995** | **Computer Dep. Manager - Al-Tahadi Company-Ministry of Industry** | | **2000-2002** | **Manager of Research & Scientific Development Dept. Ministry of Industry.** | | **8/3/2007 Up to 26/10/2014** | **Lecturer at Laser and optoelectronics Eng. Dept./ Nahrain University** | | **27/10/2014 up to**  **27/12/2015** | **Dean assistant for scientific affairs /College of engineering & a Lecturer at Laser and optoelectronics Engineering Dep. ,**  **Al-Nahrain Univ. Baghdad -Iraq** | | **28 /12/ 2015 Up to 22/6/2018** | **Lecturer at the exact department.** | | **9/3/2019** | **Lecturer at Al Hikma Univ. College** | | **23/6/2019 up to May 2021** | **Head of Dept. of engineering Techniques for medical instruments at Al Hikma Univ. College.** | | **3/11/2021 up to 1/7/2022** | **Head of Dept. of Optics Techniques at Al Hikma Univ. College.** | | **1/7/2022** | **I resigned from Al Hikma Univ. College.** | | **2/4/2023 up to date** | **Dean assistant for scientific affairs / Acting department Head of engineering Techniques for medical instruments /Al-Rasheed Univ. College.** | | |