**C.V**



Photo

**Name:** Prof. Dr. Samir Khudhur Yassin

**Religion:** Muslim

**Martial statues:** Married

**No. of children:** 6

**Specialization:** Physics

**Position**: Professor

**Scientific Degree:** Ph. D

**Work Address:**  University of Baghdad

**Mobile:** 07703990184

**E-mail:** smsddzzz@yahoo.com

**No. of patented : 1**

**Member of 63 examination committee of the following M,Sc and P,hd theses .**

 **First, Scientific Certification:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **College** | **University** | **Degree science** |
| 1985 | Science college | Baghdad | **B.Sc.** |
| 1990 | Applied Science  | University of technology | **M.Sc.** |
| 1996 | Science  | Al-Nahrain  | **Ph.D.** |

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| --- | --- | --- | --- |
| **From -To** | **Workplace** | **Career** | **No.** |
| 1986 -1991 | Iraq Atomic Energy commission | Physicist | 1 |
| 1991-2002 | University of Baghdad- college of education for women-Physics department | Member of teaching staff | 2 |
| 2002-2011 | College of education for women- Univetrsity of Baghdad | Head of the Computer Science department | 3 |
| 2011-2017 | College of education for women- University of Baghdad- Computer Science department | Member of teaching staff | 4 |
| 2018-2020 | College of Science for women- University of Baghdad | Head of the Physics department | 5 |
| 2020-2020 | University of Baghdad-College of education for pure science-Physics department | Member of teaching staff | 6 |
| 2020 | University of Baghdad- Institute of laser for postgraduate studies | Member of teaching staff | 7 |

* **Second, Career:**
* **Third, University Teaching.**

|  |  |  |  |
| --- | --- | --- | --- |
| **From –To** | **The (Institute / College)** | **University** | **No.** |
| 1991-2002 | College of education for women- Physics Department. | Baghdad | 1 |
| 2002-2017 | College of education for women- Computer Science Department. | Baghdad | 2 |
| 2017-2019 | College of Science for women- Physics Department. | Baghdad | 3 |
| 2019-2020 | College of education for pure Science- Physics Department | Baghdad | 4 |
| 2020 | Institute of laser for postgraduate studies | Baghdad | 5 |

* **Fourth, Courses Which You Teach:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Year** | **Subject** | **Department**  | **No.** |
|  | Quantum MechanicsUnder graduate and post graduate | Physics | 1 |
|  | Electron optics - post graduate | Physics | 2 |
|  | Mathematical physicsUnder graduate and post graduate | Physics | 3 |
|  | Thin films and Vacuum Technologypost graduate | Physics | 4 |
|  | Computer ScienceUnder graduate and post graduate | Physics | 5 |
|  | Optical Fiberspost graduate | Physics | 6 |
|  | Communications in Optical FibersUnder graduate | Computer Engineering | 7 |
|  | Modern applications in Physics Under graduate and post graduate | Physics | 8 |
|  | Material ScienceUnder graduate and post graduate | Physics | 9 |
|  | Destructive and non-destructive testing. Under graduate and post graduate  | Physics | 10 |
|  | ElectronicsUnder graduate | Physics | 11 |
|  | Nuclear PhysicsUnder graduate | Physics | 12 |
|  | Solid state physicsUnder graduate and post graduate | Physics | 13 |
|  | Programming in Fortran languagesUnder graduate | Physics | 14 |
|  | Programming in Basic languagesUnder graduate | Physics | 15 |
|  | Computer TechnologyUnder graduate | Physics | 16 |
|  | Computer architecture Under graduate | Computer Science | 17 |
|  | Scientific researchUnder graduate | Computer Science | 18 |
|  | Intelligent applications in computersUnder graduate  | Computer Science | 19 |
|  | MathematicsUnder graduate | Computer Science | 20 |
|  | Numerical analysisUnder graduate | Computer Science | 21 |
|  | Information TechnologyUnder graduate | Computer Science | 22 |
|  | Semi conductor manufacturingUnder graduate | Computer Engineering | 23 |
|  | Semi conductor manufacturingpost graduate | Physics | 24 |
|  | StatisticsUnder graduate and post graduate | Physics | 25 |
|  | Quantum Optics  | Institute of laser for postgraduate studies | 26 |

* **Fifth, Thesis** **which was supervised by :**

|  |  |  |  |
| --- | --- | --- | --- |
| **Year** | **Department** | **Thesis Title** | **No.** |
| 1999 | Physics | **Estimation of the uniform blur parameter and restoration of the degraded image.(M.Sc.)** | 1 |
| 2001 | Physics | **Image reconstruction from its projections.(M.Sc.)** | 2 |
| 2002 | Physics | **Improvement the action efficiency of microwave vacuum tube type (GI-19B) by Activation its inter surfaces.(M.Sc.)** | 3 |
| 2003 | Physics | **Design of a system of Electrostatic lenses under different magnification conditions.(M.Sc.)** | 4 |
| 2004 | Physics | **Theoretical design of electron gun using numerical method.(M.Sc.)** | 5 |
| 2006 | Physics | **Space change effect in the design of electron gun.(M.Sc.)** | 6 |
| 2018 | Physics | **Model construction of silicon Raman laser in nano waveguides for communication application.(M.Sc.)** | 7 |
| 2018 | Physics | **Phase control applications in chaotic communications by optoelectronic feedback (Ph.D.) semiconductor lasers.(Ph.D)** | 8 |
| 2019 | Physics | **Effect of laser parameters on preparation nano materials for bacterial infection treatments.(Ph.D)** | 9 |

* **Sixth, Conferences which you participated:**

##### (a) International conferences :

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Conferences Title** | **Year**  | **Place** | **Type of Participation** |
| 1 | **3rd European conference on laser treatment of materials, September17-19, (1990). Erlangen, Germany, ECLAT 90** | 1990 | Germany  | **Participation with two papers**  |
| 2 | **The first European east-west symposium on materials and processes, MatTeck 90,June,10-18** | 1990  | Finland | **Participation with two posters** |
| 3 | **International conferenceon advanced remote sensing for earth observation systems, techniques, and applications, 7-11 may 2005,** | 2005 | Kingdom of Sudia Arabia  | **Participation with papers** |
| 4 | 1. **Forth international symposium on Geophysics ( ISG-4), Faculty of science, Tanta university, Egypt, 22-24 Nov. 2205.**
 | 2005 | Egypt | **Participation with papers** |
| 5 | **Second international conference on applications of traditional and high performance materials in harsh environments** | 2005 | Al - Sharjja  | **Participation with papers** |
| 6 | **The third Arabic meeting of education and teaching , The union of Islamic wordwide universities** | 2006 | Labanon | **Participation with papers** |
| 7 | **Third international conference on applications of traditional and high performance materials in harsh environments** | 2006 | Al - Sharjja | **Participation with papers** |
| 8 | **The fourth conference** **on scientific research outlook and technology development in Arab world** | 2006 | Syria | **Participation with papers** |
| 9 | **Sixth Symposium on Use of Nuclear Techniques in Environmental Studies, center for theoretical and applied physical sciences** | 2006 | Jordon | **Participation with papers** |
| 10 | **Second international conference on elictrical engineering design and technology (ICEEDT”08), Hammamet** | 2008 | Tunis | **Participation with papers** |
| 11 | **International Symposium on Disasters Mangment, Kinkdom of Saudi Arabia ,Ministry of interior general directory of civil defense, civilian protection** | 2009 | Kingdom of Sudia Arabia | **Participation with poster** |
| 12 | **Forth international conference on applications of traditional and high performance materials in harsh environments** | 2010  | Al - Sharjja | **Participation with papers** |
| 13 | **Developing working capacities of parlimantry experience house captional in Iraq** | 2012 | Labanon | **Participation**  |
| 14 | **Eigth international conference on material science (CSM8-ISM5),UNESCO Palace** | 2012 | Labanon | **Participation with papers** |
| 15 | **The 9th international conference on material science (CSM9),**  **ENSIC, University of Lorraine** | 2015 | France | **Participation with papers** |
| 16 | **The  International Conference on Materials and Spectroscopy** **Methods**   | 2016  | Tunis | **Participation with papers** |
| 17 | **The 18-th international vonference on AEROSPACE SCIENCE AND AVIATION TECHNOLOGY** | 2019 | Egypt | **Participation with papers** |
| 18 | **The first international conference in physical science and matereals (PAM 2019)** | 2019 | Turky | **Participation with papers** |

##### (b) Local conferences:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | Conferences **Title** | **Year**  | **Place**  | **Type of Participation** |
| 1 | **The first scientific conference, Al-Nahrain University, Iraq,Baghdad, Dec. (1997).**  | 1997 | Al – Nahrain University | **Participation with papers** |
| 2 | **The first conference on modern technology in piping, Baghdad, Al-Rasheed Hotel , Mar. (2003).** | 2003  | Iraq-Baghdad | **Participation with papers** |
| 3 | **International conference on higher education, Ministry of higher education , Kurdistan, Iraq, 11-13 Dec. (2007).** | 2007 | Iraq - Erbil | **Participation with papers** |
| 4 | **The first conference on computers and mathematics , Iraq, Al-Qadisiyah University, 27-28 Sep. (2008).** | 2008 | Al-Qadisiyah University | **Participation with papers** |
| 5 | **The first conference on higher education , Al – Kofa university, Iraq, 24-25 Dec. (2008).** | 2008 | Al – Kofa university | **Participation with papers** |
| 6 | **The second conference on applied science , Al – Kofa university, Iraq, 11-12 March (2009).** | 2009 | Al – Kofa university | **Participation with papers** |
| 7 | **The third conference of science college, Baghdad university, 24-26 March (2009).** | 2009 | Baghdad university | **Participation with papers** |
| 8 | The second conerence of Wasit university, Iraq, 13-14 Jan. (2009). | 2009 | Wasit university | **Participation with papers** |
| 9 | **Al-Turath College second conferece, baghdad,April, (2009).** | 2009 | Al-Turath College | **Participation with papers** |
| 10 | **The 4-th scientific conference, Wasset University, Iraq, Al-Kuut, 19-20/10/2010.**  | 2010 | Wasit university | **Participation with papers** |
| 11 | **The first scientific conference, Physics department, college of science for women Baghdad university, 16-17 March 2011.**   | 2011 | Baghdad university | **Participation with papers** |
| 12 | **The 5-th scientific conference, Wasset University, Iraq, Al- Kutt , 13-14 Dec.(2011).** | 2011 | Wasit university | **Participation with papers** |
| 13 | **First international conference, College of mathematics and computer science, Al-Kufa university,24-25 April(2012).** | 2012 | Al – Kofa university | **Participation with papers** |
| 14 | **Scientific conference no.19, college of education, Al- Mustansria university, April (2012).** | 2012 | Al- Mustansria university | **Participation with papers** |
| 15 | **The second scientific conference , Al-Yarmouk university, 26-**  **28 March (2013).** | 2013 | Al-Yarmouk university | **Participation with papers** |
| 16 | **The second scientific conference for women, Baghdad university, college of Science for women,26-28 March (2013).** | 2013 | Baghdad university | **Participation with papers** |
| 17 | **The first annual conference , Abn-Rushud college of education and college of education for women, Baghdad university, 3-4 April (2013).** | 2013 | Baghdad university | **Participation with papers** |
| 18 | **The second scientific conference, Salah AL-deen Al Ayubee Center, Tikreet university, 26-27 Nov. 2013.** | 2013 | Tikreet university | **Participation with papers** |
| 19 | **Specialize symposium for university research center , Psychological research center, Baghdad university, 8 Jan 2014.** | 2014 | Baghdad university | **Participation with papers** |
| 20 | **The fiest international scientific conference of Cihan University Erbil-Iraq , 20-21 April 2014.** | 2014 | Iraq - Erbil | **Participation with papers** |
| 21 | **The 2-nd International Scientific Conference, college of education for women, Baghdad University, 16-17 April 2014.** | 2014 | Baghdad university | **Participation with papers** |
| 22 | **The 23-rd conference of Arabic language department , college of education for women , virtual reality and competition of Arabic language, Baghdad university, 22-23 April 2015.**  | 2015 | Baghdad university | **Participation with papers** |
| 23 | **The 5-th international conference on basic sciences, College of education-Garmian University, Kurdstan , Iraq, 23-24 July**  **2017.** | 2017 | Iraq - Erbil | **Participation with papers** |
| 24 | **The first International Scientific Conference, Al-Furat Al- Awsat technical university, Samawa , 4-5 April 2018.** | 2018 |  Al-Furat Al- Awsat technical university | **Participation with papers** |
| 25 | **The first International Conference of pure science (ICPS 2018), Babylon university, 14-15 March 2018.** | 2018 | Babylon university | **Participation with papers** |
| 26 | **The 2-nd conference and exhibition of inventions , Iraq, Karbalaa, 20-22 March 2019.** | 2019 | Karbalaa | **Participation with papers** |
| 27 | **The 3-rd women scientific conference , Ministry of science and technology, Iraq, Baghdad, 13-14 March 2019.** | 2019 | Baghdad university | **Participation with papers** |
| 28 | **The 1-st international scientific conference , Iraqi Academics Syndicate, 11-12 Feb. 2019.** | 2019 | Iraqi Academics Syndicate | **Participation with papers** |
| 29 | **The 7 international conference on applied science and technology(ICAST) , Karbala, Iraq, 27-28 March(2019).** | 2019 | Karbalaa | **Participation with papers** |

* **Seventh, Scientific Activities:**

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| --- | --- |
| **Outside the College** | **Within the College** |
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* **Eighth, Research Projects in The Felid of Specialization:**
1. **S.K.Yassin Al-Ani ,A.K.Ahmad ,S.M.Juma , “Design of two-electrode electrostatic lenses for zero magnification under space change effect” ,College of science magazine-Al-Nahrain University; vol.(1) Dec.1997-pp:143-154.**
2. **S.K.Yassin Al-Ani , “Improvement of wear resistance of laser treated carbon steel” ,College of Education for Women magazine; vol.(10) ,No.(1), 1999.**
3. **S.A.Abd Alla,S.A. Hasoon, S.K.Yassin Al-Ani, “Modification of silicon solar cell single crystal” ,College of Education for Women magazine / Al-Mustansiria University ; No.4 ,1999.**
4. **A.K.Ahmad , S.M.Juma ,S.K.Yassin Al-Ani, “Computations on the design of three-electrode electrostatic lenses for zero and infinite magnification” ,College of Education magazine Al-Mustansiria University; No.3 ,1999.**
5. **S.K.Yassin Al-Ani ,A.K.Ahmad ,S.A.Hasoon, “Effect of laser beam energy in the hardness of carbon steel” ,Al-Nahrain University magazine; vol.(4) No.1, April 2000.**
6. **A.K.Ahmad, S.M.Juma, S.K.Yassin Al-Ani, “Effect of space charge on the design of low aberration enzile lenses”, Al-Nahrain University magazine; vol. 2 No. 1, pp73-81, 1998.**
7. **Munir A.M. Alkawaz, L.B.Hussain , S.K.Yassin Al-Ani, “The effect of laser hardening and sand blast on the fatigue strength of 0.4C steel” ,4th JIMEC 2001/8-10 October 2001.**
8. **S.K.Yassin Al-Ani, A.K.Ahmad, B.H.A.Ali, “Design of a system of electrostatic lenses under telescopic mode”, Al-Nahrain University magazine; vol.7, No.2, Jan. 2004.**
9. **S.K.Yassin Al-Ani, A.K.Ahmad, L.A.Mohammed, “Design of four electrode enzial electrostatic lenses for electron gun”, College of Education for Women; vol. 13 ,No.4, 2002.**
10. **S.K.Yassin Al-Ani, “Effect of welded joints on the joint strength during static and dynamic loading with different current and type of wire welding”, Journal of Um-Salama for science; vol.1, No.1, 2004.**
11. **S.K.Yassin Al-Ani, “Improvement of surface hardness and wear resistance for low carbon steel using laser beam”, Journal of college of education for women, Baghdad university, Vol.20, no.2, (2009).**
12. **L.B.Hussam, M.A. Majid, F.S.Mohammad Ali, S.K.Yassin Al-Ani, “Laser structural transformation of carbon steel”, 3rd European conference Laser Treatment of Materials; Sept.17-19, 1990.**
13. **M.A.Majid, L.B.Hussain, S.K.Yassin Al-Ani, “Fatigue strength of low roughness laser treated alloy steel”, 3rd European conference Laser Treatment of Materials; Sept.17-19, 1990.**
14. **L.B.Hussain ,M.A.Majid, S.K.Yassin Al-Ani, “Wear resistance of laser treated low alloy steel” ,Mat Tech.90. The First European east-west Symposium on materials and processes; June, 10-18,1990, Finland.**
15. **S.K.Yassin Al-Ani, L.A.Al-Ani, “The effect of the geometrical factor on the measurement of the gamma ray Bulid up factor “,Journal of Um-Salama for science; vol.2, No.4, 2005.**
16. **S.K.yassin Al-ani, M. A. Al-Quass, “The causes for the failure of the Co2 compressor belonging to the southern company for fertilizers”, Journal of Um-Salama for science; vol.3, No.2, 2006.**
17. **S.K.Yassin Al-ani, B. H. Khdhir, B. H. Hussein, G. A. Abd,”Improvement of the action efficiency of microwave vacuum tube type GI-19B by activation its intersurfaces”, Ibn al-Haytham jounal,vol.21, no.2,(2008).**
18. **S. K. Yassin A-ani “ Computer aided design of low aberration electrostic lens”, Journal of college of education for women, Baghdad university, Vol.18, No.1, (2007)**
19. **S. K. Yassin Al-ani,” Fatige strength improvement of normalized 0.53 carbon steel by laser surface treatment”, Journal of college of Science , Al-Nahrian university,vol.10, no.1, (2007).**
20. **S.K. Yassin Al-ani, I. A. Mohammed, N. A. Mohammad, “ Design of immersion electrostatic lens operated under zero magnification condition” Journal of UM-Salama for science, college of Science for women , Baghdad University, vol.5, no.3, (2008).**
21. **S.K. Yassin Al-ani, I. A. Mohammed, N. A. Mohammad,” space-Charge effect in the design of electron gun using immersion lens under high and low finite magnification condition”, Journal of college of education for women, Baghdad university, Vol.19, no.2, (2008).**
22. **S.K. Yassin Al-ani, “ Design and constricting a computrized unit for non destructive test of metal using radio-active isotopes”, Journal of college of Science, Baghdad University,vol.48, no.1,(2007).**
23. **S.K.Yassin Al-ani, A.K.Ahmad , B. H. Hussein ,” Design of an electron gun using low aberration immersion lens”, ”, Journal of college of education for women, Baghdad university, Vol. 20 , no.1, (2009).**
24. **S.K.Yassin Al-ani, B. H. Khdhir, G. A. Abd, " The use of pumping method for improving the performance of vacuum micro-electronic valves", Journal of college of education for women, Baghdad university, Vol.21, no.2, (2010) .**
25. **S.K.Yassin Al-ani," Computer Aided Design for low aberration three electrode electrostatic lens|", Journal of Al-Qadisia University,vol.2, no.1, (2010).**
26. **S.K.Yassin Al-ani, " Laser effect in the fatigue strength of carbon steel". Journal of Baghdad for science, college of Science for women , Baghdad University, Vol.8, no.1, 2011.**
27. **S.K.Yassin Al-ani,"The disasters in Iraq during 20 years ago" International Symposium on Disasters Mangment, Kinkdom of Saudi Arabia ,Ministry of interior general directory of civil defense, civilian protection, Riyadh 3-6 Oct. 2009.**
28. **S.K.Yassin Al-ani," Using modren technology in designing curriculum and E-Learning", Journal of Al-Turath College, vol.7, (2010).**
29. **S.K.Yassin Al-ani, Hatam F. Manssor "Using of information technology and communication in modern teaching", Journal of The Al – Kofa for computer and mathematics vol.1 no.2 , (2010).**
30. **S. K. Yassin Al-ani, Nada A. Kdhier, " Computational design of three electrode electrostatic lens", ", Journal of college of education for women, Baghdad university, Vol.23, no.3, (2012) .**
31. **S. K. Yassin Al-ani , A.K.Ahmad , B. H. Hussein ,”Computer aided design for a system of focusing of charge particles using two electrostatic lenses of two and three electrodes by inverse problem methods", The 5-th scientific conference , Wassite university ,Iraq, 13-14 Dec. (2011).**
32. **S. K. Yassin Al-ani, " E-Learning among positive and negative and obstacles", First international conference, College of mathematics and computer science, Al-Kufa university, April 2012.**
33. **S. K. Yassin Al-ani , A.K.Ahmad , B. H. Hussein ,”Computer aided design of an electron optical transport and foucusing system "Journal of 19 college of education, Al-Mustansria university,Vol. 3 April 2012.**
34. **S.K. Yassin Al-ani, I. A. Mohammed," Space-Charge Effect on the Theoretical Design of Electron Gun Operated under Zero Magnification Condition", Baghdad Journal of Science, Vol.11, no.2, Jun (2014).**
35. **S. K. Yassin Al-ani , Amer A. Al-Samarri , " The electronic crime ", The second scientific conference , Al-Yarmouk university, 26- 28 March (2013).**
36. **S. K. Yaseen Al-ani, R. Hussen, “ The scientific electronic research” , 7-th though conference , Salah Addin aiubi center for cultural and historical studies , Tikrit university, 26-27 /11/2103.**
37. **S. K. Yaseen Al-ani, R. Hussen, R. Hussen,” Social media effect on iraqi social releationships” , Specialize symposium for university research center , university relationships and information and communication technology, Psychological research center, Baghdad university, 8 Jan 2014.**
38. **S.K.Yassin Al-ani, A.K.Ahmad , B. H. Hussein, “ Computer Aided Design for a system of focusing of charge particles” , The first international scientific conference of Cihan university, Erbil, Iraq, 20-21 April 2014.**
39. **S.K.Yassin Al-ani, R. Hussen,” Using Intelligent Mobile in Electronic Learning”, The 2-nd International Scientific Conference, college of education for women, Baghdad University, 16-17 April 2014.**
40. **– S.K.Yassin Al-ani, R. Hussen, N. A. Mohamed, “Using virtual reality technique in education and scientific electronic research”, The 23-rd conference of Arabic language department , college of education for women , virtual reality and competition of Arabic language, Baghdad university, 22-23 April 2015.**
41. **S. K. Yassin Al-ani, Nada A. Khattab, " Computational optimization coefficients of an Einzel lens operated under zero magnification ", International journal of soft computing and engineering(IJSCE), Vol. 7, lssue-1, March, (2017).**
42. **S. K. Yassin Al-ani, Nada A. Khattab, "The effect of cross-section area of electron beam on the aberration of Einzel electrostatic lens", International journal of science and research (IJSR), Vol. 6, lssue-2, February, (2017).**
43. **S. K. Yassin Al-ani, Nada A. Khattab, " Effect of overlap technique on hardness and fatigue behavior in ND-Glass laser heat treatment of carbon steel” Journal of Garmian University, Kurdstan, Iraq, July, ( 2017).**
44. **S. K. Yassin Al-ani, Nada A. Khattab, "Computer Aided Design of three electrode electrostatic unipotential lens”, International journal of science and research (IJSR), Vol. 7, lssue-1, Jan. , (2018).**
45. **S. K. Yassin Al-ani, Nada A. Khattab, " Effect of the electrode angle in the design of electrostatic einzle lens”, Indian Journal of Nature and Science (IJONS), vol. 9, ISSUE 51, Dec. (2018).**
46. **S. K. Yassin Al-ani, Nada A. Khattab, "CAD of a system of electrostatic lenses for electron gun” 1-st International scientific conference, Iraqi Academics syndicate, Iraq, Dohok, 11-12 Feb. , (2019). Accepting for publishing in the Journal of college of education, Al-Mustansirya university 2019.**
47. **S. K. Yassin Al-ani, Nada A. Khattab, "Simulation of the design of low aberration electrostatic lens numerical mathematical model”, 3-rd national scientific women conference , Ministry of science and technology, 13-14 March , (2019).**
48. **Raghad I. Ibrahim, Kais A. Al-naimee, S. K. Yaseen Al-ani, " Experimental Evidence of phase control method in chaotic semiconductor laser", Iraqi Journal of science, Vol. 60, Issu 7, July (2019).**
49. **Raghad I. Ibrahim, Kais A. Al-naimee, S. K. Yaseen Al-ani, "Chaos Modulation in semiconductor laser with optoelectronic feedback", 18th International Conference on Aerospace Sciences & Aviation Technology, IOP Conf. Series: Materials Science and Engineering 610 (2019) 012084 IOP Publishing doi:10.1088/1757-899X/610/1/012084, Egypt.**
50. **Hind Fadhil Oleiwi, H. F. Al-Taay, S. K,Yaseen Al-ani, Khawla J. Tahir, "Structual and optical properties of Al2O3 nano crystalline :Effect of deposition time", The 7 international conference on applied science and technology(ICAST) Karbala, Iraq, AIP Conference Proceeding 2144. 030027 (2019).**
51. **Zainab Salam, Shaimaa Mahdi and S. K. Yaseen Al-ani,"Numerical analysis of CW Ramman Amplifier in silicon on insulator nano wave-guides ", The first international conference in physical science and matereals (PAM 2019), IOP Conf. Series Material science and Engineering 757 (2020) 012022 .**
52. **Zainab Salam, Shaimaa Mahdi and S. K. Yaseen Al-ani ," Prospect of CW Ramman laser in silicon-on-insulator nano-waveguides ", Iraqi journal of physics, vol.18, no.45. pp 9-20, (2020).**
53. **Raghad I. Ibrahim, Kais A. Al-naimee, S. K. Yaseen Al-ani, " Experimental Evidence of chaotic resonance in semiconductor laser", Accepting for publishing in Baghdad Science Journal, (2020).**
* **Ninth, Membership:**
1. **Member of the Iraqi Computer Association.**
2. **Member of the Iraqi physics and mathematics society.**
3. **Member of the Teachers Association.**
4. **Member of the JICA alumni association-Iraq (JAAI).**
5. **Member of the KOIKA alumi association – Iraq (KAAI)**
6. **Member in University teachers association in Iraq.**
7. **Member in Barlammsn experience house in Iraq.**
8. **Member in Iraqi Academics Syndicate.**
9. **Member in Al-shurkaat association.**
* **Tenth, Awards and Certificates of Appreciation:**
* **Large number of Awards and Certificates of Appreciation**

|  |  |  |  |
| --- | --- | --- | --- |
| **Year** | **Donor** | **Name of Awards and Certificates** | **No.** |
|  |  |  | **1** |
|  |  |  | 2 |

* **Twelfth, languages:**
* Arabic
* English