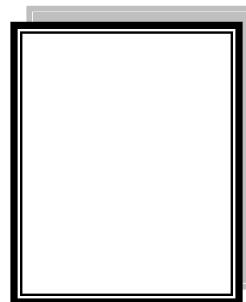


C.V



Name: Salma Mahdi Shaban

Religion: Muslim

Martial statues: Married

No. of children: 2

Specialization: Physics

Position: Instructor

Scientific Degree: Prof.

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■ First, Scientific Certification:

Degree science	University	College	Date
B.Sc.	Baghdad	Science	1981
M.Sc.	Baghdad	Science	2000
Ph.D.	Baghdad	Science	2007
Any other			

 **Second, Career:**

No.	Career	Workplace	From -To
1	Assistant physics	Science college-Baghdad University	1981--1997
2	M.Sc. Student	Science college-Baghdad University	1997-2000
3	Assistant Instructor	Science college-Baghdad University	2000-2002
4	Ph.D Student	Science college-Baghdad University	2000-2007
5	Instructor	Science college-Baghdad University	2007-2010
6	Assist. Prof.	Science college-Baghdad University	2010-2012

 **Third, University Teaching.**

No.	University	The (Institute / College)	From -To
1	Baghdad	Science college	1981-2012

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

No.	Department	Subject	Year
1	Physics	General lab. + Electricity lab.	1981-1986
2	Physics	Electricity lab+ General lab.	1986-1989
3	Physics	Solid state lab. + General lab.	1990-1991
4	Physics	Atomic lab. + General lab.	1992-2001
5	Physics	Geology (First class) + General lab.	2007-2008
6	Physics	Electromagnetic Theory + Computer Lab.	2008-2012
	Physics	Mathematics + Computer Lab.	2012-2013

Fifth, Thesis which was supervised by :

No.	Thesis Title	Depart.	Year
1	Study the Characteristics of CuInS₂ thin Films prepared by Electrochemical Deposition (M.Sc)	Physics	2010
2	Doping Effect on Optical Properties of Perovskite Oxides (M.Sc.)	Physics	2012
<u>Fourth Class Students projects</u>			
1	Prepared of Cd_{0.3}Sn_{0.7}Se thin films & Study its Electrical Conductivity	Physics	2008-2009
2	Prepared of GaN thin films & Study its Characteristics	Physics	2009-2010
3	Investigation the Dielectric Behavior of Cu_{0.5}Ti_{0.5}Tb_xFe_{2-x}O₄ Ferrites	Physics	2009-2010
4	Prepared of Sb Thin films & Study its Optical Properties	Physics	2010-2011
5	Prepared of ZnTe compound & Study Effect of Electrode on D.C Conductivity	Physics	2011-2012

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

No.	Conferences Title	Year	Place	Type of Participation
1	The First Kufa Scientific	2010	Kufa University	Research
2	The First Conference of Technology University	2009	Technology University	Research
3	2nd Conference for Nano-technology and its applications	2010	Physics Department	Research
4	National Scientific Conference for Physics	2010	Physics Department	Research
5	2nd Studymet Cycle for Physics	2008	Physics Department	Research
6	The First Conference of College of Science	2009	College of Science	Research
7	The Fourth Conference of University of Babylon / College of Basic Education	2011	University of Babylon / College of Basic Education	Research

■ **Seventh , Research Projects in The Felid of Specialization to**

The Environment and Society or the Development of Education:

No.	Research Title	Publication Journal	Year
1	Preparation of ZnTe compound and study of the structural and optical properties MATTI N. MAKADSI , RAAD M.S.AL-HADDAD, and SALMA M.SHABAN	ATTI DELA "FONDAZIONE GIORGIO RONCHI" ANNO LXIII, MATERIALI / Italy ANNO LXIII, N. 5	2008
2	Optical properties of SeTe Thin Films Salma M. Shaban	Um – Salama Science Journal / Iraq V. 5 (4)	2008

3	<p>Effect of ohmic contact like Au and Al elements on D.C conductivity for Cd_{0.3}Sn_{0.7}Se thin films</p> <p>SALMA M. SHABAN and ESMAEIL A. ABBAS</p>	<p>ATTI DELA "FONDAZIONE GIORGIO RONCHI" ANNO LXIII, MATERIALI / Italy ANNO LXIV, N. 6</p>	2009
4	<p>A.C. Conductivity and Dielectric Behavior of ZnTe Thin Films,</p> <p>Salma M. Shaban and Raad M. S. AL-Haddad</p>	<p>Proceeding of 3rd scientific conference of the College of Science, University of Baghdad / Iraq</p>	2009
5	<p>Nano-Size Investigation of Grain Structure of Cd_{0.3}Sn_{0.7}Se Compound by Transmission Electron Microscopy and XRD Analysis</p> <p>Salma M. Shaban</p>	<p>A special Issue "The First Scientific Conference on Nanotechnology, Advanced Materials and Their Applications", (SCNAMA2009) , The University of Technology Baghdad-Iraq</p>	2009
6	<p>Optical Properties of GaN Thin Films</p> <p>Salma M. Shaban, Salah Ed-Din Mansure</p>	<p>Iraqi Journal of Physics / College of Science, University of Baghdad / Iraq V. 7(8)</p>	2009
7	<p>INVESTIGATION OF STRUCTURAL AND OPTICAL PROPERTIES OF Sb₂S₃ THIN FILMS</p> <p>Salma M. Shaban</p>	<p>Journal of Al-Nahrain University, Science / Iraq V. 13(1)</p>	March 2010
8	<p>Investigation of the Dielectric Behavior and A.C. Conductivity of Cd₂SnO₄ Compound</p> <p>Salma M. Shaban, Bushra Salman Mahdi and Raad M. S. Al-Haddad</p>	<p>Al- Mustansiriya J. Science / Iraq V. 22(1)</p>	2011

9	<p>Fabrication and Study Zinc Sulfide Schottky Barrier Detectors</p> <p>Salma M. Shaban, Nada M. Saeed and Raad M. S. Al-Haddad</p>	<p>Indian Journal of Science and Technology / India V. 4(4)</p>	<p>April 2011</p>
10	<p>Characteristics Cd_{0.3}Sn_{0.7}Se Thin Films as Absorber Materials For Solar Cell Devices</p> <p>Salma Mahdi SHABAN, Raad Mohammad SALEH and Ahmed Saleh AHMED</p>	<p>Turk. J. Phys V. 35</p>	<p>2011</p>
11	<p>Electrochemical deposition of CuInS₂ Thin Films MAHDI H. SUHAIL, SALMA M. SHABAN , MUHAMMAD O. SALMAN</p>	<p>Iraqi Journal of Physics / Iraq V. 9(15)</p>	<p>2011</p>
12	<p>Effect of Thickness On Optical Behavior Of Cd₂SnO₄ Thin Films Salma M. Shaban, Bushra Salman Mahdi and Raad M. S. Al-Haddad</p>	<p>Basic Education College Magazine for Educational and Humanities Sciences/ Issues by Basic Education College/ Babylon University</p>	<p>June No.7 2012</p>
13	<p>Effect of Thickness on Optical Behavior of Nano-crystalline CdS Thin Films</p> <p>Salma M. Shaban^{1*} , Basim M. Al-Abdally^{**}, and Raad M. S. Al-Haddad[*]</p>	<p>Instasci Journal of Physics / Australia V. 1(1)</p>	<p>2011</p>
14	<p>Effect of Annealing Temperature on Optical Behavior of CuInS₂ Thin Films Prepared by Electrochemical Depositing MAHDI H. SUHAIL, SALMA M. SHABAN , MUHAMMAD O. SALMAN</p>	<p>ATTI DELA "FONDAZIONE GIORGIO RONCHI" ANNO LXIII, THIN FILMS / Italy ANNO LXVI, N. 5</p>	<p>2011</p>
15	<p>EFFECT OF ELECTRODE TYPE LIKE (Au &Al) ON D.C. CONDUCTIVITY FOR ZnTe THIN FILMS Salma M.Shaban, Izzat M. Al-Essa, Sarah Hadi.</p>	<p>Instasci Journal of Physics / Australia V. 2(3)</p>	<p>2012</p>

16	<p>Effect the Thickness on Structural and Optical Paramteres of PbSe Thin Films Bushra A. Hasan, Issam M. Ibrahim, Salma M. Shaban Journal Impact Factor: 0.8</p>	<p>INDIAN JOURNAL OF APPLIED RESEARCH V. 3 Issue 3</p>	<p>March 2013</p>
17	<p>Enhancement of Junction Behavior of ZnO/ a-SiH / Polymer Thin Films For Organic Solar Cells Farah T.M. Noori, Salma M. Shaban, Raad M. Al-Haddad Journal Impact Factor: 6.28</p>	<p>Internationl Review of Physics V. 7 (2) April 2013</p>	<p>April 2013</p>
18	<p>Substitution Effect on Dielectric Permittivity and AC Conductivity of Bi_{2-x}(CuPb)_xSr₂Ca₂Cu₃O_{10+δ} Compound Salma M. Shaban, Bushra Salman Mahdi, Matti N. Makadsi, and Raad M. S. Al-Haddad</p>	<p>International Journal of Application or Innovation in Engineering & Management (IJAIEM) Volume 2, Issue 3, March 2013</p>	<p>March 2013</p>
19	<p>Effect of Thermal Neutron Irradiation on Optical Behavior of Cd_{0.3}Sn_{0.7}Se Thin Films Salma M. Shaban, Bushra Abd Al-Wahab Al-Jurani, Raad M. S. Al-Haddad Journal Impact Factor: 6.28</p>	<p>International Review of Physics V. 6 (6)</p>	<p>December 2012</p>
20	<p>AC Conductivity and Dielectric Behavior of CuZnSnO₄ Compound Prepared by Powder Technology Salma M. Shaban, Bushra Salman Mahdi and Raad M. S. Al-Haddad Journal Impact Factor: 0.88</p>	<p>Indian Journal of Pure & Applied Physics V. 51 November 2013</p>	<p>November 2013</p>
21	<p>EFFECT OF DOPING ON D.C. CONDUCTIVITY FOR ZnS:Pb THIN FILMS Farah T. M. Noori, Salma M. Shaban, Zaidoon and Raad M. S. Al-Haddad Journal Impact Factor: 4.1710</p>	<p>International Journal of Advanced Research in Engineering and Technology (IJARET) Volume 5, Issue 2, February (2014),</p>	<p>February (2014),</p>

22	Effect of Pb dopant On A.C mechanism of ZnS thin films Salma M. Shaban	Iraqi Journal of Physics, Vol.12, No.25, PP. 80-88	2014
23	Effect of pyridine and pyridine with substituent on the optoelectronic spectrum of nanoparticles CdS prepared by liquid – liquid interface reaction Salma M. Shaban, K. T. Al-Rasoul, A. S. Ahmed	International Journal of Scientific & Engineering Research, Volume 6, Issue 5, May-2015	2015
24	Behavior of Optical Parameters of CuZnSnO ₄ Thin Films Salma M. Shaban	The international 3rd. Scientific Conference of the College of Science 2015 Journal of University of Karbala	2015
25	Effect of Pb additive on the Grain size and D.C Electrical Properties of Cd _{1-x} Pb _x Se Thin Films Salma M. Shaban and Farah Qahtan Kamil	International Journal of Current Engineering and Technology, Vol.5, No.3 (June 2015)	2015
26	Temperature Dependence of AC Conductivity and Complex Dielectric Constant of Cd ₂ Si _{1-x} GexO ₄ Compound Salma M. Shaban	Iraqi Journal of Science, 2015, Vol 56, No.2B, pp: 1409-1415	2015
27	Effect of Tin Additive in Cadmium Sulfide Thin Films on ac Mechanism and Cole-Cole Diagram Salma M. Shaban	JOURNAL OF KUFA – PHYSICS Vol.7/ No.1 (2015)	2015
28	Effect of pyridine and pyridine with substituent on photoluminescence of nanoparticles CdS prepared by liquid – liquid interface reaction Salma M. Shaban, K. T. Mahdi, A. S. Ahmed	Iraqi Journal of Physics, 2015 Vol.13, No.28, PP. 106-115	2015
29	Effect of using Different Techniques on Structure and Optical properties of Prepared Nanoparticles CdS Salma. M. Shaban, K. T. Mahdi, and A. S. Ahmed.	International Journal of Advanced Research in Science, Engineering and Technology Vol. 2, Issue 4 , April 2015	2015
30	Effect of pyridine and pyridine with substituent on the optoelectronic spectrum of nanoparticles CdS prepared by liquid – liquid interface reaction Salma M. Shaban, K. T. Al-Rasoul, A. S. Ahmed	International Journal of Scientific & Engineering Research, Volume 6, Issue 5, May-2015 1091	2015

31	<p>Characterization of CdS nanoparticles Prepared by Liquid – Liquid Interface Reaction</p> <p>Salma M. Shaban, Khalad T. Mahdi, Ahmed S. Ahmed</p>	<p>Iraqi Journal of Science, 2016, Vol. 57, No.1C, pp: 609-617</p>	2016
32	<p>Effect of Annealing Temperature on Optical Parameters of LiF Films</p> <p>Salma M. Shaban, Bushra S. Mahdi and Ali M. Nasir</p>	<p>Australian Journal of Basic and Applied Sciences, 10(14) September, Pages: 95-99</p>	2016
33	<p>Enhancement of Optical Characteristics of ZnS:Pb Thin Films</p> <p>Salma M. Shaban, Hamed Mahmoud, and Ghaith H. Jihad</p>	<p>International Journal of Scientific & Engineering Research, Volume 7, Issue 1, January-2016, 744</p>	2016
34	<p>Effect of Pb percentage on optical parameters of Pb*Cd1-*Se thin films</p> <p>Salma M. Shaban, Farah Q. Kamil</p>	<p>Iraqi Journal of Physics, 14, No.29, PP. I-7, 2016</p>	2016
35	<p>Effect of Zn Additive on Optical Parameters of Cd₂SnO₄ Thin Films</p> <p>Salma M. Shaban, Iqbal S. Naji, Hanaa I. Mohammed</p>	<p>Proceedings of the third feminist scientific conference Appendix -3- physics sciences, College of Science for women 7-8 December 2016</p>	2016
36	<p>Piezoelectric properties of drug and Landmine sensor for forensic sciences applications</p> <p>Salma M. Shaban</p>	<p>To be published , Nahrain University</p>	2017