

## C.V



**Name: Iqbal Sahham Naji**

**Date of Birth: 1974**

**Religion: Muslim**

**Martial statues: Single**

**Specialization: Physics**

**Position:**

**Scientific Degree: professor**

**Work Address: Baghdad University / College of science / physics department**

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**■ First, Scientific Certification:**

Degree science	University	College	Date
B.Sc.	Baghdad	Science	1990
M.Sc.	Baghdad	Science	1998
Ph.D.	Baghdad	Science	2000

No.	Career	Workplace	From -To
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١	<b>Assistant Lecturer</b>	<b>Baghdad University- college of Science- Physics department</b>	<b>1999-2005</b>
٢	<b>Lecturer</b>	<b>Baghdad University- college of Science- Physics department</b>	<b>2005-2009</b>
٣	<b>Assistant Professor</b>	<b>Baghdad University- college of Science- Physics department</b>	<b>2009-201٤</b>
٤	<b>Professor</b>	<b>Baghdad University- college of Science- Physics department</b>	<b>2015-2018</b>
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■ **Second, Career:**

■ **Third, University Teaching.**

<b>No.</b>	<b>University</b>	<b>The (Institute / College)</b>	<b>From -To</b>
1	Baghdad	Science	1999-2018
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■ **Fourth, Courses Which You Teach:**

No.	Department	Subject	Year
١	Physics	Solid State Laboratory	1999-2000
٢	Biology	Non-Physics Laboratory	2000-2005
٣	Biology	Non-Physics	2005-2006
٤	Physics	Material physics	2006-2007
٥	Physics	Microscope	2007-2009
٦	Physics	Numerical Analysis	2009-2013
٧	physics	semiconductor	٢٠١٣-٢٠١٨
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■ **Fifth, Thesis which was supervised by :**

No.	Thesis Title	Department	Year
١	Opto-Electronic properties of CdTe:Zn Thin Films	Physics	٢٠٠٨
٢	Electronic properties of a-Ge/ c-Si Heterojunction.	Physics	٢٠٠٩
٣	The Effect of Selenium concentration on the structural and optical properties of CdSe <sub>x</sub> S <sub>1-x</sub> Thin Films	Physics	٢٠١٢
٤	The Impact of Sn Concentration and Annealing Temperature on some Physical Properties for Cd <sub>1-x</sub> Sn <sub>x</sub> Se films.	Physics	٢٠١٤
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■ **Sixth, Conferences which you participated:**

No.	Conferences Title	Year	Place	Type of Participation
1	International conference of energy systems	٢٠٠٠	Amman	Research
2	Proceeding of 3 <sup>rd</sup> scientific conference of the College of Science.	٢٠٠٩	Baghdad	Research
3	Kufas First conference for Physics.	٢٠١٠	Kufa	Research
4	Kufas First conference for Physics	٢٠١٠	Kufa	Research
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■ **Seventh, Scientific Activities:**

Within the College	Outside the College
Evaluate some papers participate in the college and department conferences.	Evaluate some papers for another college
Discuss the higher education pupil	

■ **Eighth, Research Projects in The Felid of Specialization to The Environment and Society or the Development of Education:**

No.	Title	Journal	year	Country
1	The optical properties of CdTe thin films as a function of annealing temperature.	Al-Rafidain Engineering Journal Vol:8/ No:3/ P.67-72	2000	Jordan
2	Optical properties of CdTe Thin Films for Different Thickness	International conference of energy systems, Amman, p.318-322	2000	Jordan
3	Study the effect of thickness and annealing temperature on the electrical properties of CdTe thin films.	Um-Salama Science Journal Vol:5/ No:3/ P.449-453	2008	Iraq
4	The structure and optical properties of CdSe:Cu thin films.	Um-Salama Science Journal Vol:6/ No:1/ P.141-149	2009	Iraq
٥	The effect of Cadmium concentration variation on the structural properties of ZnCdS thin films.	Babylon University Journal Vol:17/ No:2/ P.551-554	2009	Iraq
٦	Study the structural and electrical properties of CdTe:In thin films.	Ibn Al-Haitham Journal for pure and applied science. Vol:22/ No:3/ P.103-109	2009	Iraq
٧	Study of Capacitance- Voltage characteristics of a-Ge/c-Si Heterojunction	Proceeding of 3rd scientific conference of the College of Science, University of Baghdad	2009	Iraq
٨	The Electrical Properties of Hg <sub>1-x</sub> Cd <sub>x</sub> Te Films.	Kufas First conference for Physics. Vol.1, p.75-80.	2010	Iraq, Kufa
٩	The Structural and optical Properties of Hg <sub>1-x</sub> Cd <sub>x</sub> Te Films.	Kufas First conference for Physics. Vol.1, p.81-84.	2010	Iraq, Kufa
١٠	The Effect of Selenium Concentration on the Structural, Morphological and Optical Properties of CdSe <sub>x</sub> S <sub>1-x</sub> Thin Films	International Review of Physics 6 (3), 318-327.	2012	Italy
١١	The Electrical properties of Hg <sub>1-x</sub> Cd <sub>x</sub> Te/Si Diodes	Journal of Electron Devices 13, 975-983.	2012	Lebanon
١٢	Study the Effect of Annealing Temperature on the Structural, Optical and Electrical Properties of ZnS Thin Films.	Ibn Al-Haitham Journal for Pure and Applied Science 25 (3), 150-161.	2012	Iraq, Baghdad
١٣	Characterization of cadmium tin oxide thin films as a window layer for solar cell.	International Journal of Application or Innovation in Engineering & Management Vol.2, No.9, p.189-194	2013	India
١٤	C-V AND I-V CHARACTERISTICS OF In <sub>2</sub> O <sub>3</sub> / GaAs HETEROJUNCTION	٢٠١٣ Journal of Electron Devices 17, 1427-1432.	2013	Lebanon
١٥	Electrical Properties of Thermally Evaporated CdSe <sub>x</sub> S <sub>1-x</sub> Thin Films	International Review of physic 7 (1), p.70-74.	2013	Italy
١٦	A Study of Some Environmental Effects for Saw Dust Wood/Phenol- Formaldehyde Composites	International Review of physic 7(1) p.26-29.	2013	Italy

17	The effect of annealing temperature on the optical properties of CdS and CdS:Al thin films	International journal of application or innovation in Engineering &Management Vol.2, No.6, p.556-561.	2013	India
18	Impact of Heat treatment on some physical properties of thin CdZnS Films	International Journal of Scientific Research Vol.2, p.362-365.	2013	India
19	Study of Annealing-induced changes in structural and electrical properties of CdS and CdS:Al Thin Films	2013 INDIAN JOURNAL OF APPLIED RESEARCH 3 (2), 343-346.	2013	India
20	Influence of substrate temperatures on the optical properties of thin Cu <sub>3</sub> SnS <sub>4</sub> films prepared by CBD.	IPASJ International Journal of Electrical Engineering 2, 1-7.	2014	India
21	Impact of Sn concentration and heat treatment on structural and morphological properties of thin Cd <sub>1-x</sub> Sn <sub>x</sub> Se films.	International Journal of Electrical Engineering &Technology (IJEET) 5 (1),p.35-43.	2014	India
22	The Effect of Heat Treatment on The Optical Properties of Thin Cd <sub>1-x</sub> Sn <sub>x</sub> Se films.	International journal of advanced scientific and technical research. Vol.2 ,No.4,p.728-738.	2014	India
23	The Influence of Se Concentration on Optical Properties of Thermal Evaporated Cu <sub>2</sub> ZnSn(SexS <sub>1-x</sub> ) <sub>4</sub> Thin Films	International Journal of Application or Innovation in Engineering &Management (IJAIEM) 3 (3),p.318-323.	2014	India
24	Dependence of structural and morphological properties on Se concentration for thin Cu <sub>2</sub> ZnSn (Se <sub>x</sub> S <sub>1-x</sub> ) films.	International journal of advanced scientific and technical research, 2 (4), 26-35.	2014	India
25	CARRIER TRANSPORT MECHANISM OF CdSexS <sub>1-x</sub> /Si HETEROJUNCTION	International Journal of Innovative Research in Science, Engineering and Technology,3(1),p.8503-8509.	2014	India
26	The Effect of Sb Dopant and Annealing Temperature on the Structural and Optical Properties of GeSe Thin Films	International Journal of Current Engineering and Technology,4(6),p.4167-41774.	2014	India
27	Study the effect of Zn Doping in the Structural and Electrical Properties of CdTe Thin Films	Ibn Al-Haitham Journal for Pure and Applied Science 27(1), 137-145.	2014	Iraq, Baghdad
28	Capacitive-Resistive Measurements of Cobalt-Phthalocyanine Organic Humidity Sensors	PHOTONIC SENSORS, 5 (3), 257-262.	2015	Germany
29	The Impact of Cu Content on Some Physical Properties of Pb <sub>0.5</sub> Sn <sub>0.5</sub> Films Prepared by Flash Evaporation	Australian Journal of Basic and Applied Sciences 9 (23), 468-474.	2015	Pakistan
30	Structural and Optical Properties of Pb <sub>x</sub> Cd <sub>1-x</sub> S Thin Films Prepared by Vacuum Evaporation Technique	Australian Journal of Basic and Applied Sciences 9 (20), 364-371.	2015	Pakistan
31	Effect of Annealing On the Structural and Optical Properties of CdSe <sub>x</sub> S <sub>1-x</sub> thin Films	IOSR Journal of Applied Physics 7 (1), 31-42.	2015	
32	Investigation the Electrical	Australian Journal of Basic and	2015	Pakistan

	Characteristics and the Sensing Behavior of Thin $Cd_2Si_{1-x}Ge_xO_4$ Films	Applied Sciences 9 (23), 551-560.		
۳۳	Role of Substrate Temperature and PH value on the Topology and Morphology characterizations for Nano Thin $Cu_2SnS_3$ Films Prepared by CBD Technique	Australian Journal of Basic and Applied Sciences 9 (20), 406-411.	2015	Pakistan
۳۴	Effect of Substrate Temperature on the Topology and Morphology Characterizations for Nano Thin $Cu_3SnS_4$ Films	Australian Journal of Basic and Applied Sciences 9 (23), 547-550.	2015	Pakistan
۳۵	Effect of Annealing Temperature on Crystal Size for the $cu(In,Ga)Se_2$ Powder	International Journal of Basic and Applied Science,4(1)30-36.	۲۰۱۵	Indonesia
۳۶	Impact of thickness and heat treatment on some physical properties of thin $cu_2SnS_3$ films	Iraqi journal of physics 14 (30), 120-128.	2015	Iraq, Baghdad
۳۷	Thickness and gamma -ray effect on physical properties of CdO thin films grown by pulsed laser deposition.	Iraqi journal of physics 14 (29), 90-100.	2016	Iraq, Baghdad
۳۸	SYNTHESIS $Cu_2SnS_3$ AND $Cu_3SnS_4$ NANOPOWDER AND STUDYING THE COMPOSITION, STRUCTURAL AND MORPHOLOGICAL PROPERTIES	Journal of Non-Oxide Glasses Vol 8 (4), 93-97.	2016	Romania
۳۹	Preparation and Characterization Cadmium Nanonickel Ferrite at Different Sintering Temperature by Sol Gel Method	Indian Journal Of Natural Sciences 7 (38), 11604-11614	2016	India
۴۰	The Influence of Thickness and Annealing Temperature on Some Physical Properties of $Cu_2SnSe_3$ Films	Australian Journal of Basic and Applied Science 10 (4), 90-98	2016	Pakistan
۴۱	INFLUENCE OF HEAT TREATMENT ON SOME PHYSICAL PROPERTIES OF Zn 0.9 Sn 0.1 S THIN FILMS.	Chalcogenide Letters 14 (3)	2017	Romania
۴۲	STRUCTURAL AND ELECTRICAL PROPERTIES OF $Cu_2SnS_3$ AND $Cu_3SnS_4$ THIN FILMS PREPARED BY CBD TECHNIQUE	Chalcogenide Letters 15 (2), 83-89.	۲۰۱۸	Romania
۴۳	INFLUENCE OF PRECURSOR MOLAR RATIOS ON THE PHYSICAL PROPERTIES OF NANOCRYSTALLINE $Cu_{2-x}S$ THIN FILMS PREPARED BY CHEMICAL ...	Chalcogenide Letters 15 (6),317-326.	۲۰۱۸	Romania

### Ninth, Membership:



**Tenth, Awards and Certificates of Appreciation:**

No.	Name of Awards and Certificates	Donor	Year
١	twelve thanks and gratitude documents.	college of Science- Baghdad University	2006-2014
٢	five thanks and gratitude documents.	Chive of Baghdad university	2011-2014
٣	nine thanks and gratitude documents.	Scientific assistance of Baghdad university	2012-2014
٤	Two gratitude certification.	college of Science- Baghdad University	2009
٥	Gratitude certification.	University of Kufa	٢٠١٠
٦	Certificate of gratitude and participation	college of Science- Baghdad University	٢٠١١
٧	gratitude certification	college of Science- Al Qadisiya University	٢٠١٢
٨	gratitude certification	college of Science- Babylon University	٢٠١٣
٩	gratitude certification	college of Science- Baghdad University	٢٠١٤
١٠	Fourteen participate certification	Different places	2008-2014

**Eleventh, Scientific literature:**

No.	Scientific Literature Title	Year of The Publication
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**Twelfth, languages:**

✓ English