

C.V



Name: Hussien khazaal Rasheed

Date of Birth: Baghdad 17/3/1963

Religion: Muslim

Martial statues: Married

No. of children: 3

Specialization: Arabic

Position: Assistant Prof.

Scientific Degree: Assistant Professor

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First, Scientific Certification:

Degree science	University	College	Date
B.Sc.	Baghdad	Science	1986
M.Sc.	Baghdad	Science	1992
Ph.D.	Baghdad	Science	1999
Any other			

 **Second, Career:**

No.	Career	Workplace	From -To
1	MSc. Student	Department of Physics, College of Science, University of Baghdad	1989-1992
2	Assistant Lecturer	Department of Physics, College of Science, University of Baghdad	1993-1995
3	Ph.D. Student	Department of Physics, College of Science, University of Baghdad	1995-1999
4	Lecture	Department of Physics, College of Science, University of Baghdad	1999-2002
5	Deputy dean	College of Science, University of Baghdad	2005-2006
6	Assistant professor	Department of Physics, College of Science, University of Baghdad	2002-2018

 **Third, University Teaching.**

No.	University	The (Institute / College)	From –To
1	Baghdad	Science	1993-2018

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

No.	Department	Subject	Year
1	Physics	Mechanic lab.	1993-1994
2	Physics	Electronic lab.	1994-1995
3	Chemistry	General physics	1995-1996
4	Physics	General physics	1996-1997
5	Physics	Atomic Physics	1997-1998
6	Biology	General physics	1998-1999
7	Biology	Medical Physics	1999-2001
8	Chemistry	General physics	1999-2002
9	Physics	Thermodynamic	2002-2004
10	Mathematic	Mathematic physics	2004-2005
11	Physics	Advanced mathematics	2004-2006
12	Physics	Statistical mechanics	2005-2007
13	Physics	Detectors	2006-2008
14	Physics	Crystal growth	2008-2010
15	Physics	Advanced mathematics	2010-2011
16	Physics	Advanced mathematics	2011-2012
17	Physics	Detectors	2012-2013
18	Physics	Crystal growth	2012-2013
19	Physics	Nanotechnology	2013-2014
20	Physics	Semiconductor	2011-2018
21	Physics	Solid state	2012-2013

22	Physics	Detectors	2013-2014
23	Physics	Crystal growth	2014-2018

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

No.	Thesis Title	Department	Year
1	D.C. conductivity and thermoelectric power of a.As ₂ Te ₃	Physics	2000
2	Crystallography and morphology properties of a-InSb films properties by flash-evaporation	Physics	2001
3	D.C. conductivity and thermoelectric power of a.As ₂ Te ₃	physics	2002
4	The study of the electronic properties and Hall effect of amorphous Si _{1-x} Ge _x thin film	physics	2003
5	Electrical properties of epoxy reinforcement by glass fiber	Physics	2004
6	Optoelectronic properties of a-Si _{1-x} Ge _x :H thin films	physics	2005
7	Schottky diodes of amorphous GaAs films by thermal evaporation	Physics	2006
8	Electrical and optical properties of CdTe solar cell	Physics	2007
9	Structural and optical properties CGIS alloy prepared by thermal evaporation	Physics	2008
10	Electrical and optical properties of CdTe/Se films	Physics	2009
11	Structural and optical properties of a-Ge/Si heterogeneration	physics	2010

12	Electron transport mechanism of Si/M shottky dieod	physics	2011
13	Structural and D.C.conductivity investigation of the ternary alloy system a-Al _x Ga _{1-x} As:H films prepared by new deposition method	physics	2013
14	Recrystallization of amorphous Ge:Sb/Si hetrogenction	physics	2013
15	Structural properties and I-V,C-V characteristic for a-Ge:In/c-Si hetrojunction	physics	2014
16	Characterization of GaAs/Si heterojunction	physics	2015
17	Amorphous SiO ₂ prepared by DC Sputering	physics	2016
18	Amorphous GaAs Solar cell	physics	2017
19	Field Effect Transistor of SnO ₂ Films	physics	2018

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

No.	Conferences Title	Year	Place	Type of Participation
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1	The 2 nd Scientific conference of the College of Science	1999	University of Baghdad/ college of Science	Participation by paper
2	The 1 st National conference of physics and it's Application	2001	University of Baghdad/ college of Science	Participation by paper
3	The 1 st conference of physics and application	2004	University of Baghdad/ college of Science	Participation by paper
4	The 2 nd National conference of physics and its Application	2006	University of Mostansriya/ college of Science	Participation by paper
5	Women and Science in Iraq	2008	College of Science for Women / Baghdad	Paper
6	National conference of physics	2012	University of Babylon	Participation by paper
7	Proceeding of 2 nd Scientific conference on The College of Science	2008	University of Baghdad/ college of Science	Paper
8	The first scientific conference on nanotechnology,advanced material and their application	2009	University of technology	Paper

9	Proceeding of 3 rd Scientific Conference of the College of Science, University of Baghdad 24 to 26 March 2009 (2410-2415).	2009	College of Science / Baghdad	Paper
10	2 nd Scientific Conference on Nanotechnology and its Applications	2010	College of Science / Baghdad	Participation
11	3 rd scientific conference	2010	University of wasit	Paper
12	3 rd scientific conference on nanotechnology and its applications	2011	Baghdad university	paper
13	The 18 th scientific conference of college of education /almustansiriah	2011	colloge of education /almustansiriah	Participation
14	National conference of physics	2012	University of Babylon	Participation by paper
15	Eighteen Conference for College of Education / Al- Mustansiriya University	2015	colloge of education /almustansiriah	Participation

16	5th international conference of nano structures, 6-9 march 2017 At: Keesh IRAN,	2017	Keesh IRAN	paper
18	Nanotechnology & Advanced Conference ρMaterials Research	2018	University of Technology	paper

■ **Seventh, Scientific Activities:**

Within the College	Outside the College
	Member of scientific conference of ministry of industry

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

No.	Research Title	Place of Publication	Year
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1	Study of the optical constant of CdTe thin film properties by flash – evaporation	Iraqi J.Sci. Vol.40C,No.4(44-54)	1999
2	The structural and electrical properties of a-GaAs:H prepared by new controlled evaporation technique	Iraqi J.Sci. Vol.41C,No.3(113-128)	2000
3	Structural and optical investigation of the ternary alloy system a-Al _x Ga _{1-x} As	Iraqi J.Sci. Vol.41C,No.3(143-156)	2000
4	Optoelectronic properties of a-Si _{1-x} Ge _x :H thin films	Renewable energy 24(2001)341-346	2001
5	Compositional and temperature dependence of the mobility and carrier concentration of a-Al _x Ga _{1-x} As:H films	Renewable energy 24(2001)353-356	2001
6	D.C. conductivity and thermoelectric power of a.As ₂ Te ₃	Iraqi J.Sci. Vol.43,No.3(171-180)	2002
7	Crystallography and morphology properties of a-InSb films properties by flash-evaporation	Iraqi J.Sci. Vol.43,No.3(183-192)	2002
8	The study of the electronic properties and Hall effect of amorphous Si _{1-x} Ge _x thin film	Nation: journal of physics	2003
9	The effect of Thickness on the optical properties of ZnS	Um-Salama science journal Vol.4(4)	2007
10	Some electrical properties of CdSe/Si heterojunctions	Iraqi journal of physics Vol.5No.7 pp.169-177	2008

11	Study of capacitance-voltage characteristic of a-Ge/c-Si heterojunction	Proceeding of 3rd scientific conference of the college of science university of baghdad	2009
12	Fabricated solar cell from deposition a-Se/c-Si thin film	مجلة المؤتمر العلمي الثالث لجامعة واسط	2009
13	Study of the electronic properties and hall effect of amorphous $Si_{1-x}Ge_x:H$ thin films	Iraqi journal of physics Vol.7No.10 pp.23-28	2009
14	Structural and D.C. conductivity of InSb thin film	Iraqi journal of physics Vol.9 No.16	2011
15	Improvement of superconducting properties of $Hg_{0.6}Pb_{0.25}Sb_{0.15}Ba_2Ca_2Cu_3O_{8+\delta}$ ceramic by controlling the sintering time	J Supercond Nov Magn(2011)24:1963-1966	2011
16	Morphology characterization of InSb films and correlation with optical properties	Indian journal of applied research Vol.3	2013
17	Photoconductivity of an inorganic/organic composites containing dye-sensitized(zinc oxide)	Ibn Al-Haitham journal for pure science	2013
18	Structural properties and I-V,C-V characteristic for a-Ge:In/c-Si heterojunction	Journal of electron devices Vol.20,PP.1711-1717	2014

19	The effect of thickness nanoparticle ZnS films on optical properties	Int. J. Basic Appl. Sci 3, 38-51	2015
20	Structural and Electrical Properties Dependence on annealing temperature of a-Ge: Sb/c-Si Heterojunction	Ibn AL-Haitham Journal For Pure and Applied Science 24 (1)	2016
21	Comparison IV Characteristics of Sb/c-Si and Al/c-Si Junction	Ibn AL-Haitham Journal For Pure and Applied Science 26 (1), 153-158	2017
22	D.C conductivity, Hall effect of amorphous Arsenic and I-V characteristic of a-As/c-Si Heterojunction	Journal of Scientific and Engineering Research, 2017, 4(8):50-53	2017
23	Effect of Multiwalled Carbon Nanotube Reinforcement on the Opto-Electronic Properties of Polyaniline/c-Si Heterojunction	Journal of Optical Communications	2018

■ **Ninth, Membership:**

■ Member of the Committee on Public Submissions for 6 years



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

No.	Name of Awards and Certificates	Donor	Year
1	Many certification	Several Authority	Previously years
2	Acknowledgment	The Minister of Higher Education and Scientific Research	2003
3	Certification	The Chief of Karbala University	2003
4	Acknowledgment	The Minister of Higher Education and Scientific Research	2009
5	Acknowledgment	The Ministry of industry	2009
6	Certification	College of Science/ University of Dyala	2009
7	Certification	The Dean of Science for Women/ Baghdad	2011
8	Certification	The Chief of Al-Technologic University	2011
9	Certification (2)	<i>The Dean of Science Baghdad</i>	2012, 2103
10	Acknowledgment 2	<i>The Dean of Science Baghdad</i>	2012
11	Acknowledgment 1	The chief of Baghdad University	2013-2018

■ Twelfth, languages:

✓ English

