

Curriculum Vitae

Reem Saadi Khaleel

Mustansiriyah University – College of Education

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PERSONAL SUMMARY:

Dr. Reem Saadi Khaleel is an Assistant Professor of Physics at the College of Education, Al-Mustansiriyah University. Born in Baghdad, IRAQ, she was awarded in 1992 the B.Sc. Degree of Physics from the University of Baghdad, IRAQ. In 1998, she was awarded the M.Sc. from Baghdad University. In 2016 she was awarded Ph.D. Degree from Al-Mustansiriyah University, IRAQ. She has 23+ years of Academic experience. Since 2006, she has taught at Al-Mustansiriyah University. From 1993 to 2000 she was a lecturer at Baghdad University. From 2000 to 2006 she was a lecturer at the Higher Institute of preparing teachers in Libya.

EDUCATION:

- Ph.D. Physics (2013 – 2016):
Thesis Title = “Preparation of metal oxide thin films by anodization method and their applications”
Physics Department,
College of Education, University of Al-Mustansiriyah
Baghdad, Iraq.
- M.Sc. Physics (1995 – 1998):
Thesis Title = “Fabrication of CdSe detector using vacuum evaporation technique and studying its electro-optical properties”
Graduation Grade = V. Good (81.81%)
Physics Department,
College of Education of women, University of Baghdad, Baghdad, Iraq.
- B.Sc. Physics (1988 – 1992):
Graduation Grade = Good (74.56%), which ranked the 5th. out of 21 graduates.
Physics Department,
College of Education of women, University of Baghdad,
Baghdad, Iraq



ACADEMIC HONORS AND AWARDS:

- (1) Acknowledgment – President of Mustansiriyah University
- (4) Acknowledgment– Dean of Education college, Mustansiriyah University

ACADEMIC /TEACHING (EXPERIENCE):

- Sep. 2006 - Present time (10 years)
Assistant Professor, Physics, College of Education, Al-Mustansiriyah University.
- Mach. 1993 – August. 2000
Lecturer, College of Education of women, University of Baghdad,
- Sept. 2000 – Sept. 2006
Lecturer, The Higher Institute of preparing teachers in Libya.

COURSES TAUGHT:

Solid state physics
Nuclear physics
Mathematics I & II
Statics & Dynamics
Classical mechanics
Electronics
Electromagnetic theory
Electricity and Magnetism
Statistical Physics
Optics

PROFESSIONAL AFFILIATIONS:

- Member of Examination Committee (Two years)
- Member of Physics Department Staff Committee
- Member of B.Sc. Students Subjects Examination Committee

PUBLICATIONS:

	Paper's title	Journal	Volume and year
1	The effect of chlorine concentration on the optical constants of SnS thin films	Baghdad Science Journal	8(2),2011
2	Inter- Band Transition of Fluorine Doped Zinc Oxide	Journal of Kerbala University.	Proceeding of the 6 th Scientific conference of Kerbala University,2010
3	Influence of Co doping on the optical property of ZnO	J. of the college of Science	21(5),2010
4	Optical characterization of iron doped cadmium oxide thin films prepared by the spray-pyrolysis method	J.of the college of Basic education	18(73),2012
5	The Coupled Action of adding Benzophenone and irradiating by UV. Rays on optical properties of poly (vinyl chloride-co-vinyl acetate)	J.of the college of Basic education	1(1),2011
6	Studying the effect of thickness' variation on some optical properties of iron oxide thin films	Diyala Journal for pure science	7(4),2011
7	Influence of gamma radiation on dispersion parameters of poly methyl Methacrelate(PMMA)	J.of the college of Basic education	77,2013
8	Deposition of ZnO thin films by successive ionic layer adsorption and reaction (SILAR) method	J.of the education college	7 th Scientific conference of college of education,2010
9	Effect of Cu(NO ₃) ₂ Doping on Optical Properties	J.of the college of Basic	12 th Scientific conference of the

	of polymer PVA Films	education	college of basic education.2010
10	Influence of gamma radiation on optical properties of CdS thin films prepared by chemical bath technique	Diyala Journal for pure science	6(1),2010
11	"Optical characteristics of ZnO:Al thin films prepared by magnetron sputtering	J.of Kerbala University	8(1),2010
12	تأثير التشويب بالفلور على معامل الامتصاص وفجوة الطاقة المحضرة بطريقة التحلل الكيميائي الحراري (Cr2O3) لاغشية	J.of the education college	19 th Scientific conference of college of education,2012
13	Physical characterization of ZnO films deposited by two methods on stainless steel substrates.	J.of the education college	21 th Scientific conference of college of education,2015
14	Fabrication of humidity sensor by different chemical Methods.	MAGISTRA journal	No.01A/A.40.59.2015.Indonesia.
15	Paper-based ZnO , ZnO:SnO ₂ and SnO ₂ ultraviolet sensors	Berkala Fisika Indonesia	Volume 7 (2),2015
16	Studying some structural and sensing properties of ZnO films as ammonia sensors prepared by two methods.	Al-Mustansiriya journal of science (MJS)	Volume27(2),2016: P. 50-55
17	Studying some sensing properties of ZnO ethanol sensor prepared by two methods.	Albahir journal- Kerbala-Iraq	Volume5(9+10),2017: P. 45-52
18	Investigation Of Some Physical Properties For Nitrogen Dioxide Sensor Applications Prepared By Two Methods	Journal of Multidisciplinary Engineering Science Studies	Vol. 2 Issue 6, June - 2016
19	Analysis for X-Ray Diffraction Pattern of Annealed Fe ₂ O ₃ Thin Films	Albahir journal- Kerbala-Iraq	Unpublished
20	The Effect of Annealing Temperature on The Structural and Optical Properties of Fe ₂ O ₃ Thin Films	Albahir journal- Kerbala-Iraq	Unpublished

Patents:

- Measurement of pressure, humidity and recognition of gases by single sensor. Presented as patent to Iraqi central organization for standardization and quality control, No.4307. 2015.