

CURRICULUM VITAE

جامعة الأزهر
Al-Azhar University-Gaza



Hassan Salem Ashour

Last Update:24/12/2015

PERSONAL DETAILS

Date Of Birth	3/1/1965	Place Of Birth	Gaza
Nationality	Palestinian		
Martial Status	Married	Gender	Male
Designation	Department of physics staff member		
Department	Department of physicsi		
Faculty	Science		
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ACADEMIC QUALIFICATIONS

(YEAR , QUALIFICATION , INSTITUTION , TITLE)

2001	Doctoral Degree, PHD, University of Dayton, Ohio, USA (Photon Statistics and Laser Linewidth for Microcavity Semiconductor Lasers)
1996	Master Degree, MSC, University of Dayton, Ohio, USA (Photon Statistics of a Q-switched laser)
1987	Bachelor Degree, BSC, Islamic University, Gaza (Solar Cells Energy Conversion)

CAREER HISTORY

(START DATE - END DATE, EMPLOYMENT , ORGANIZATION)

1997 ,1998	Instructor ,Wilberforce University/Department of Electrical Engineering
1996 ,1996	Teaching Assitant ,University of Dayton, Ohio/Department of Physics
1998 , till now	full time physics member ,Al-Azhar University- Gaza/Department of Physics

ADMINISTRATIVE DUTIES

(START_DATE - END_DATE , ROLE , LEVEL)

2006 ,2007 Department of Physics committee member for physics department old Plans,
,Department

2007 ,2008 Faculty of Science committee Member for New Departments and Fields of study,
,Faculty

2009 ,2011 Department of Physics committee member for physics Labs, ,Department

2009 ,2010 Department of Physics committee head for Academic Plans, ,Department

2009 ,2010 Department of Physics committee member for Course Description, ,Department

2010 ,2011 Head of Scientific Books Inspection Committee at the University Central Library
,University

2009 ,2010 ICBAS2010 organizing committee member ,Faculty

2012 ,2013 Head of Master of Physics Program Committee ,Department

2011 , till now University Academic Quality Board member, 2011-current ,Faculty

2012 ,2013 Faculty of Science Guidebook development and preparation committee head
2012 ,Faculty

2012 ,2013 Committee member of UNESCO Chair in Astronomy, Astrophysics and Space
Sciences (964) ,University

2012 ,2013 Committee member in the technical board to develop planning and quality
assurance website ,University

2015 , till now Journal of Al-Azhar University for natural sciences, committee member ,University

2014 , till now Master Degree advisory committee member ,Department

2006 ,2006 Deputy dean of Graduate studies and Scientific research ,Faculty

2010 ,2011 Head of Physics ,Department

2007 ,2008 Head of Physics ,Department

PROFESSIONAL AFFILIATION/MEMBERSHIP

(YEAR , ORGANISATION , ROLE , LEVEL)

1996 Optical Society of America, OSA,member,International

AREAS OF EXPERTISE

(AREA)

Quantum Electronics, , Quantum Theory of Semiconductor laser, , Metamaterial waveguides and Sensors
structures. , Quantum Gates. ,

SELECTED PUBLICATIONS

- (Book \ Chapter in Book)

- 1 Hassan S. Ashour (2012) . Waves and Optics lab Manual, Al-Azhar University- Gaza student library , Gaza- Palestine
- 2 Hassan S. Ashour, Naji Al-Dahoudi, Amal Al-Kahlout (2011) . Solution Manual to Physics to Medical Sciences, Upon deman, Gaza- Palestine
- 3 Hassan S. Ashour (2011) . Electric Circuits lab Manual, Al-Azhar University- Gaza student library , Gaza- Palestine
- 4 Hassan S. Ashour, Amal Al-Kahlout, Naji Al-Dahoudi (2011) . General Physics lab Manual, Al-Azhar University- Gaza student library , Gaza- Palestine
- 5 Hassan S. Ashour, Naji Al-Dahoudi, Amal Al-Kahlout, (2011) . Physics to Medical Sciences, Al-Azhar University- Gaza student library , Gaza- Palestine
- 6 Hassan S. Ashour (2011) . Electronic Circuits lab Manual, Al-Azhar University- Gaza student library , Gaza- Palestine

- Article in Academic Journal

- 1 Hassan S. Ashour () . Near-Zero-Refractive-Index Structure at Optical Frequencies,Advances in Condensed Matter Physics,,vol. 2013(Article ID 328402) ,8 pages. (ISI Cited Publication)
- 2 HASSAN S. ASHOUR, () . TE Modal Dispersion in Dielectric Slab Waveguide with Lossy Left-Handed Metamaterial, ,Journal of Modern Physics,4() , 1157-1162. (ISI Cited Publication)
- 3 H. S. Ashour, A.I. Ass'ad, M. M. Shabat, and M. S. Hamada, () . Electronic conductance in binomially tailored quantum wire,Microelectronic Journal,37,(,) ,79-83. (ISI Cited Publication)
- 4 A. I. Ass'ad, H. S. Ashour, M. M. Shabat, () . Magnetostatic Surface Waves in Ferrite-Nonlinear Nonmagnetic LHM structure,International Journal of Modern Physics B,Vol. 21(No. 12) ,1951-1960. (ISI Cited Publication)
- 5 Hassan S. Ashour () . International Journal of Electrical and Electronics Engineering (IJEET) ,International Journal of Electrical and Electronics Engineering (IJEET), Vol. 2(Issue 4, Sep 2013) ,9-20. (ISI Cited Publication)
- 6 H. Ashour, M. Sokol, L. Pedrotti, P. Rice, () . Quantum Theory of Semiconductor Lasers in the Photon Number Representation, JOSA B,Vol. 24(Issue 8) ,pp. 1995-2005,. (ISI Cited Publication)

AWARDS AND RECOGNITIONS

(YEAR , NAME , INSTITUTION, LEVEL)

- 2012-2013 , Fulbright Scholarship for Scholars , University of Dayton, Ohio , International
1997-1999 , The Dayton Area Graduate Student Institute, DAGSI, , University of Dayton, Ohio , National
1997 , NAECON 1997, Best Student Award, First Runner Up , University of Dayton, Ohio , International
1994 , Fulbright Student Scholarship , Fulbright , International

EXPERT/TECHNICAL CONTRIBUTIONS

(ACTIVITY , ORGANISATION , ROLE , FROM , UNTIL , LEVEL)

- Methods and Techniques in Physics labs , QIF/AI-Azhar University- Gaza , Trainer , 2009 , 2010 , National
Safety in physics labs , QIF/AI-Azhar University- Gaza , Trainer , 2009 , 2010 , National

TEACHING

(LEVEL , COURSE)

First Degree

- * Quantum Mechanics I,
- * Electronic Lab,
- * Introduction to Microwaves,
- * General Physics I and II,
- * Special Topics: Mathematical Physics with Maple,
- * computer literacy and skills,
- * Advanced Electronics Lab,
- * Waves and Optics Lab,
- * Advanced Physics Lab
- * Modern Physics,
- * Solid State I and II,
- * Analog Electronics I and II,
- * Digital Electronics,
- * Heat and thermodynamics Lab,
- * Electric Circuits Lab,
- * Digital Electronic Lab,
- * Classical Mechanics I and II,
- * Waves and Optics,
- * Introduction to electronics,
- * Statistical Mechanics,
- * Solid State electronics,
- * Introduction to Computational physics,
- * Electric Circuits,
- * Circuit Theory I and II,
- * Special topics: physics with Maple,
- * General Physics for paramedics;
- * Heat and Thermodynamics
- * Computer Architecture
- * General Physics Lab,
- * Electricity and Magnetism Lab,

Post Graduate

- * Advanced Quantum Mechanics

SKILLS

(SKILL , PROFICIENCY)

TeXmacs , Good

Maxima , Very Good

Multisim, for electronic circuits , Very Good

Cod 5, optical system design , Very Good

Ms Office , Excellent

Python , Good

C language , Excellent

MathCad , Good

Matalb , Very Good

Maple Program , Excellent

TRAINING COURSES

(YEAR , COURSE NAME , PLACE , INSTITUTION , PERIOD)

2015 ,Professional development of teacher educators through the Teacher Educator Enhancement Program (TEEP) ,Gaza ,Al-Azhar University-Gaza/AMIDEAST ,6 month

2011 ,Reflective Teaching Skills ,Gaza ,Al-Azhar University-Gaza/AMIDEAST/USAID ,2 month

2011 ,Critical Thinking, Problem Solving, and Decision Making Skills ,Gaza ,Al-Azhar University-Gaza/AMIDEAST/USAID ,1 month

2010 ,INEE Minimum Standards of Education in Emergencies ,Gaza ,3. UNSCO and Al-Azhar University-Gaza ,2 month
