

Anan Hussein

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Career Experience

Arab American University, Jenin – Palestine <i>Physics Lecturer</i>	9/2007- Present
An-Najah National University, Nablus – Palestine <i>Part-time (Full Load) , Instructor</i>	9/2005 - 6/2007
AL-Quds Open University, Qalqilia and Jenin – Palestine <i>Part-time , Instructor</i>	9/2005 -9/2009
Amman University, Amman – Jordan – Instructor	15/12/1990- 7/8/2005
Ministry of Education – Kuwait , Physics Teacher	1/9/1988 - 2/ 8/1990
Jordan University for Science & Technology, Department of Physics - Irbid – Jordan – Instructor	1/2/1988 - 1/7/1988
University of Jordan, Department of Physics - Amman – Jordan <i>Teaching Assistant</i>	1/9/1984- 1/9/1987

Courses

- General Physics I & II, courses & Labs.
- General Physics for IT & Labs.
- General Physics for medical & Labs.
- General Physics III.
- Electronic I.
- Electronics Lab.
- Optics and Waves.
- Optics and Waves Lab.
- Astronomy.
- Medical physics
- Electronics II
- Waves and Vibrations.
- Thermodynamics.
- Seminar in Physics.
- Pre-physics.
- Basic physics.

Education

University of Jordan, Amman – Jordan	Bachelor of Science in Physics	1/1984
University of Jordan, Amman - Jordan	Master of Science in Physics	1/1988
University of Jordan, Amman - Jordan	High Diploma in Medical Physics	6/1995

Committees

1) Faculty Council, member.	(2010- 2018)
2) College Quality Assurance (coordinator).	2012-now
3) Purchasing department committee.	2011-2013
4) Community Service committee.	2012- 2013
5) Social committee.	2011-now
6) Strategic Plan 2020 Committee.	2013- 2014
7) Open day Committee.	2017
8) Internal Auditor Committee.	2013-now

Languages

Arabic:	mother language
English:	Very good

Workshops

1- Education skills for the 21 st century , AAUJ.	04/12/2012
2- Smart Boards , AAUJ.	16/03/2012
3- How to prepare better univ. test 1 , AAUJ.	20/04/2013
4- Technology in Learning.	18/05/2013
5- The role of academics in the Arab American University in enriching the Arabic content on the Internet.	21/12/2013
6- Tools to Measure Quality in General and in Education.	24/03/2014
7- Understanding the Global Context of Business and Multinational Companies.	19/05/2014
8- Attitudes and behavior that must be overcome in university teaching.	06/12/2014
9- Exchange of good practices in how to overcome the attitudes and behaviors spam.	20/12/2014
10-How to improve your presentation skills using PowerPoint- Level (1).	14/03/2015
11-How to improve your presentation skills using PowerPoint-Level (2).	23/03/2015
12-Using Endnotes in Scientific Research.	30/03/2015
13- Preparing documents using Latex.	18/04/2015
14- Quality Assurance in Palestine Polytechnic University.	18/05/2015
15- A western look at intercultural experience in Palestine.	21/03/2016

Publications

- 1- Ms. Thesis of title (**Transmissivity of semi metallic Sb thin films**). Physics Department – Jordan University, Amman, Jordan (1988).
- 2- Hazem Sawalha; Orwa Houshia; **Anan Hussein**; Q. Mahariq; A. Khader (2014). **Scope of Using Treated Olive Mill Wastewater in Tomato Production**. International Journal of Agriculture and Forestry 4(4) pp. 304-309.
- 3- Iyad Suwan, **Anan Hussein**, Abdel Halim Ziqan, Mahmoud Al-Manasra (2014) **A General Technique for Converting $n \times n$ system of Linear Ordinary Differential Equations with Constant Coefficients to a Single High Order Equation**. Nonlinear Analysis and Differential Equations, Vol. 2, 2014, no. 4, 145 - 154
- 4- Hazem Sawalha, Rasha Ma'ali, **Anan Hussein** (2016), **Landfill leachates as an abiotic disease factor affecting solanaceous crops and olive trees**. Journal of Advances in Agriculture. Vol. (5) (3) pp 767-774 .
- 5- M. Abu-Samreh, **Anan Hussain** Mithqual Daraghmeh A. R. Abulebdeh (2016). **Indoor Radon-222 Concentration Levels Measurements and Exhalation Rates Calculations in Some Offices and Rooms of AAUJ during the winter and the Spring Seasons of the Year 2014**. Journal of the Arab American University. Volume (2). Number (1) pp 21-35.
- 6- Hazem Sawalha, Nasreen Tarsha, **Anan Hussein**, Imad Abu Al-Hassan (2016), **The effect of Wild boars on agricultural crops and their control in Salfit governorate in Palestine**. Syrian Journal of Agricultural Research. Volume (3) number (1).
- 7- Iyad Suwan, Hayel Hussein, **Anan Hussein**, Ruba Al-Saleh (2016). **The Optimum Maximum Allowed Displacement in Monte Carlo Simulation of One-Component Plasma"** Journal of the Arab American University. Volume (2). Number (2) pp 24-39.

8- Iyad Suwan, Hayel Hussein, **Anan Hussein**, Methqual Daraghmeh .**The Optimum Cut-off Radius in Monte Carlo Simulation of Yukawa Potential "** Journal of Physics: Conf. Series 869 (2017) 012054.

9- M. Abu-Samreh, **Anan Hussain**, Mithqual Daraghmeh (2017) . **Assessment of Indoor Radon-222 Concentration Levels In Some Dwellings in Tubas City during Summer Of 2015.** Hebron University Research Journal (A) Vol.(7), pp.(41-34), 2017.

10- Mohammad Dawabsheh, **Anan Hussein** and Kittisak Jermstittiparsert (2019). **The triangular relationship between TQM, organizational excellence and organizational performance: A case of Arab American University Palestine .** Management Science Letters 9 (2019) 921–932.

11-**Hazem Sawalha, Lamyia Shalabi, Anan Hussein and Nasser Sholi (2019). Limestone Dust as an Abiotic Disease Factor Affecting Vegetables and Olives in Palestine.**Syrian Journal of Agricultural Research,volume (6), issue(2), 2019.

Conferences

- 1- **Conflict Transformation and Peace building in Palestine Challenges and Future Perspectives**, 1st-2nd June, 2014. AAUJ-Jenin. Palestine. Preparatory Committee.
- 2- **Perspectives of Conflict Transformation from middle east and Europe**, 1st Sep.- 27th Sep. 2014. CPRS. Coventry University. Coventry .UK.
- 3- **Palestinian Advanced Physics School 2016**, Tuesday 26th July-28th July 2016. AAUJ-Jenin. Palestine. Attendance.
- 4- **The Fifth Palestinian Conference on Modern Trends in Mathematics and Physics**. July 31th – August, 2016. AAUJ. Jenin. Palestine. Poster: **The Optimum Maximum Allowed Displacement in Monte Carlo Simulation of One-Component Plasma.**
- 5- **First Palestinian International Conference on Peaceful Uses of Atomic Energy**. 19th-20th . Feb.2017.Palestinian Technical University – Kadoorie. Tulkarem. Palestine. Talk: **Assessment of indoor radon concentration levels and annual effective doses in dwellings of Tubas Governorate, West Bank, Palestine.**
- 6- **Symposium on “Simulation – based Sciences and Engineering”, 7-9 March 2019.** Palestine Red Crescent Society, Ramallah. Palestine.

Hobbies

Reading

Skills

- 1- Internal Auditor Certificate, Lloyd’s Register Group, London. 17-18 March 2013.
- 2- Windows and Microsoft Office, Mat lab and Mathematica.
- 3- Designing electronic circuit’s software Multisim and Circuit Maker.

Books and Manuals

- 1- **Experiments in General Physics** 2003 Amman University, Amman- Jordan. ISBN 2169-10-2003

- 2- **Optics Lab Manual**, 2007, The Arab American University, Palestine.
- 3- **General Physics II Lab Manual**, 2012, The Arab American University, Palestine.
- 4- **Physics Lab Manual for medical students**, 2012, The Arab American University, Palestine.
- 5- **Physics Lab Manual for IT students**, 2012, The Arab American University, Palestine.
- 6- **The Essential Physics for Medical Students**, 2017, The Arab American University, Palestine.

References

- 1- Prof. Dr. A.J.Abu El-Haija (IUP-USA) . haija@iup.edu
- 2- Dr. Adli Saleh (AAUJ) asaleh@aauj.edu
- 3- Dr. Zaki Saleh (AAUJ) zsaleh@aauj.edu