

Ahmad Rateb Ahmad Al Aboushi, Ph.D in Mechanical engineering,
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Department of Mechanical engineering
Al zaytoonah Univesity of Jordan
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ACADEMIC QUALIFICATIONS

Ph. D. in Mechanical Engineering, 1991

University Name: Institutul Politehnic Gheorghe Asachi, *Iasi,Romania*

M. Sc. in Mechanical Engineering, 1987

University Name: Institutul Politehnic Gheorghe Asachi, *Iasi,Romania*

PROFESSIONAL EXPERIENCE

Chairman Department of Mechanical Engineering, Al-Zaytoonah University of Jordan, Jordan,
(10/2012 – present)

Assistant Professor of Mechanical Engineering, Al-Zaytoonah University of Jordan, Jordan,
(9/2011 – present)

General Director – Al Aboushi Housing company, (2005-2009)

General Director – IRIS Servimpex SRL,Bucharest-Romania, (1992 – 2009)

Research Assistant - Institutul Politehnic Gheorghe Asachi, Iasi,Romania (1988-1990)

RESEARCH INTERESTS

- Heating and airconditioning systems
- Renewable Energy
- Green Building

Institutional and Professional Services in the last five years:

- **Courses Taught**
 - Engineering Workshops
 - Principles of Energy sciences

Professional Development Activities in the last six years

- **Organizing Committee , the sixth Conference on Scientific Research in Jordan,2013**
- **Participating in 201 LED-Core concepts and strategies, Jordan Engineers Association (JEA) and USGBC, 2013.**
- **Participating in BD+C251: Understanding Building Design + Construction LEED Rating System, Jordan Engineers Association (JEA) and USGBC, 2013.**
- **Participating in BD+C301: Implementing the building Design + Construction LEED Rating System, Jordan Engineers Association (JEA) and USGBC, 2013.**
- **Ducting Design for Heating and Airconditioning systems Course**
- **Organizing Committee, Zaytoonah University International Engineering Conference on Design and Innovation in Infrastructure 2012 (ZEC infrastructure 2012), 2012.**
- **Participating in “Project Management Training & Certification Program (PMP)” workshop that was hold by Engineers Training Center / Jordan Engineers Association (JEA).**

Conference Publications of the last three years :

1. **Ahmad Aboushi**, Ahmad Sakhrieh and Abeer Abu Raed, “Energy Saving Potential for Heating Family House Swimming Pool”, International conference on Renewable Energy and its Future in the Arab world 2013 (ICREFAW conference 2013), April 22-24, 2013 Amman, Jordan.
2. M.Hamdani,**Ahmad Aboushi**,Abeer Abu Raed,Rana naser,Poster session , ”, International conference on Renewable Energy and its Future in the Arab world 2013 (ICREFAW conference 2013), April 22-24, 2013 Amman, Jordan
3. **Ahmad Aboushi**, Abeer Abu Raed” Feasibility Study on Heating a Family House Swimming Pool in Jordan Using Solar Energy”, Zaytoonah University International Engineering Conference on Design and Innovation in Infrastructure 2012 (ZEC Infrastructure 2012), June 18-20, 2012 Amman, Jordan.
4. E. A. Abdelhafez, M. A. Hamdan , and **A. Aboushi** ,The Effect of Insulation layer to prevent water vapor condensation along the inside surface of a building wall using Neural Network, Zaytoonah University International Engineering Conference on Design and Innovation in Infrastructure 2012 (ZEC Infrastructure 2012), June 18-20, 2012 Amman, Jordan.

Ongoing Funded Research:

Project Title	Sponsor	Funds (JD)
Improvement of the PV performance by cooling using phase change material and by minimizing the deposited dust layer thickness along its surface	Al Zaytoonah University of Jordan	100,680
Solar Evacuated Tube Hybrid Heating System	Al Zaytoonah University of Jordan	23,320