

CURRICULUM VITAE

Ahmad R. Al Aboushi



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1. Education

- 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.

2. Ph.D. Dissertation

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3. Employment

- Director of the Arab Council for the training of students of Arab universities, AlZaytoonah University of Jordan (2013-present)
- Coordinator of world university ranking (GREEN METRIC), at AlZaytoonah University in Jordan (2016-present)
- Consultant in the National Qualifications Framework, (2016-present)
- Representative of AlZaytoonah university of Jordan in the steering committee (JO-GREEN) completion, in Jordanian Hashemite Fund for Human Development (2016-present)
- Coordinator of the solar energy project, at AlZaytoonah University in Jordan (2013-present)
- Chairman Department of Mechanical Engineering, AlZaytoonah University of Jordan, Jordan, (10/2012 – 2014)
- Assistant Professor of Mechanical Engineering, AlZaytoonah University of Jordan, Jordan, (9/2011 – present)

4. Research Interests

Heating and air conditioning systems, Renewable Energy, Green Building, Energy Management, Sustainability.

5. Membership in Scientific Societies and Associations

- Member of the Executive Committee of the Arab Council for Training Arab University Students, (2017-present).

6. Honors and Awards

- **Winning the Emirates Energy Award EEA-2017**, Organized by the Supreme Council of Energy, Government of Dubai, as the supervisor of the winning research, United Arab Emirates.

7. Fellowships and Scholarships

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9. Teaching Experience

- **Undergraduate Courses**
Thermodynamics, Heat Transfer, Fluid Mechanics, Mechanical Systems in Green Buildings, Engineering Workshops, Principles of Energy sciences, Traditional energy sources, Mechanical Vibration Laboratory, and Thermodynamics Laboratory.

10. Grants

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11. Membership of Committees

- **National**
 - Jordanian Engineers Association since 1990.

12. Professional and Scientific Meetings (last three years)

- Representative of Al-Zaytoonah University at The Higher Council for Science and Technology, (Prince El Hassan bin Talal Award for Scientific Excellence), 2017.
- Organizing Committee, 8th International Conference on Engineering, Project, and Production Management (EPPM2017) at Al-Zaytoonah University of Jordan during the period 20 - 22 Sep 2017.
- Arab-German Young Academy of Sciences and Humanities (AGYA), attending the workshop and training as Keynote speaker in Fayoum university- Egypt 2/2017.

13. Publications (selected from last three years)

- **Ahmad Aboushi**, Mohammad Hamdan, Eman Abdelhafez, Esra'a Turk, Jwan Ibbini & Nabeel Abu Shaban, "Water disinfection by solar energy, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects", 2021
- Mohammad Hamdan, Mohammad Shehadeh, **Ahmad Al Aboushi**, Amer Hamdan and Eman Abdelhafez, "Photovoltaic Cooling Using Phase Change Material", Jordan Journal of Mechanical and Industrial Engineering (JJMIE), 2018.
- **Ahmad Al aboushi**, "Solar Thermal Hybrid Heating System", Jordan Journal of Mechanical and Industrial Engineering (JJMIE), 2017.
- Safwan M. Al-Qawabah, Nabeel Abu Shaban, **Ahmad Aboushi**, Lecture Notes in Mechanical Engineering, Investigation of burnishing process on the Mechanical Characteristics, Microstructure, and Microhardness of Al-4% wt. Cu Under Hot Conditions, Springer 2017.