

## CURRICULUM VITAE

**Dr. Ali .M. Othman**

*Alternative Energy Technology Department/ Faculty of  
Engineering and Technology*

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### 1. Personal Data

Date of Birth: 17 October 1957

Nationality: Jordanian, European

### 2. Education

- Ph.D. (Mechanical Engineering, Hydraulic, Pneumatic Machines and Equipment)  
1990, Slovak Technical University, Bratislava, Czechoslovakia
- M. Sc. (Mechanical Engineering, Hydraulic, Pneumatic Machines and Equipment)  
1986, Slovak Technical University, , Bratislava, Czechoslovakia
- B.Sc. (Mechanical Engineering, Hydraulic, Pneumatic Machines and Equipment)  
1983, Slovak Technical University, , Bratislava, Czechoslovakia

### 3. Ph.D. Dissertation

Control Optimization of Pumps Regulation by Pre-distributor, Slovak Technical University, Bratislava, Czechoslovakia.



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### Academic Positions

Sept-2012 – Now Associate professor Taiba University KSA  
 Oct. 1991 - 2012 Associate & Assistant Professor, Philadelphia University,  
 Amman, Jordan  
 Jun.2001- Oct.2001 Canadian Residence

### Administrative Positions

2014 -now Head of Mechanical Engineering Department, Taiba University- KSA  
 2007- 2012 & 1994-205 Head of Mechanical Engineering Department, Philadelphia,  
 University, Amman, Jordan  
 Sep.1999-Aug.-2001, Chairman of Mechatronics Engineering Department, Philadelphia,  
 University, Amman, Jordan

#### 4. Research Interests

#### 5. Membership in Scientific Societies and Associations

6.

#### 7. Honors and Awards

#### 8. Fellowships and Scholarships

#### 9. Teaching Experience

- *Graduate Courses*

List names of course

- *Undergraduate Courses*

List names of courses

#### 10. Supervision of Graduate Research

Provide numbered list with the name of student, title of thesis, year

#### 11. Grants



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Provide a detailed list containing the project name, year of grant, grantor organization, and grant amount

## 12. Patents

Cite a patent as follows: Author's last name, author's first name. "Name of Patent." Patent number. Date the patent was issued (date month, year).

## 13. Membership of Committees

- **National and International**
  - *Provide a list*
- **University**
  - *Provide a list*

## 14. Professional and Scientific Meetings

### *Scientific Meetings Organized*

Provide bulleted or numbered list with name of conference or symposium or workshop etc., place, and date

### *Participation in Scientific meetings*

Provide bulleted or numbered list with name of conference or symposium or workshop etc., place, and date

## 15. Participation in or organization of curricular and/or extra-curricular activities

Provide bulleted or numbered list with name, place, date of event and other relevant details

## 16. Publications

1. Utilization of the Trombe Wall in Hot Climate Regions: Jordan as a Case Study, Ali M. Othman, Adnan O.Zaid ,International Journal Of Scientific & Engineering Research, Volume 7, Issue 12, Dec.2016
2. Experimental Investigation of Thermal conductivity of Natural Palm Tree Trunk's Tissues and Fibers Ali M. Othman, Adnan O.Zaid,Omar Badran, International Journal Of Scientific & Engineering Research, Volume 7, Issue 7, July-2016
3. Scope of Utilization of a Hybrid System of Solar and Wind Energies as a Storage System in Palestine, Adnan O.Zaid ,Ali M. Othman, Ahmad O. Mostafa,



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International Journal of Scientific & Engineering Research, Volume 7, Issue 7, July-2016, P: 22-28

4. Utilization of Solar Energy as a Thermal Energy Storage System in Palestine, Adnan O.Zaid Ahmad O. Mostafa, Ali M. Othman, International Journal of Scientific &

Engineering Research, Volume 7, Issue 6, June-2016, p.1083-1087

5. Experimental Investigations of the Effect of some Insulating Materials on the Compressive Strength, Water Absorption and Thermal Conductivity of Building Bricks, Ali.M.Othman, Jordan Journal of Mechanical and Industrial Engineering, Volume 4 , Number 4 ,September 2010, Pages (190-197)

6. Design of Economical Equipment for Water and Fuel Level Detection in Jordan, Ali. M. Othman, American Journal of Applied Sciences 5 (5): 473-478, 2008

7. A Study of The Human Body Vibration Resulted From Off-Road Vehicles, A.M.Othman, Nidal H. Abu-Hamden, ICCE-11, USA-Aug-2004.

8. Transient Free Convection Fluid Flow in a Vertical Microchannel as Described by the Hyperbolic Heat Conduction Model.A.F.Khadrawi, Ali.M. Othman .M.A.AL-Nimr,

International Journal of Thermo physics,Vol.26 No.3,May 2005.

9. An Experimental Study and Mathematical Simulation of Wheat Drying, Nidal H. Abu- Hamden, A.M.Othman, Drying Technology, Vol.22, No. 3, pp. 491-506,2004.

10. Basic Viscoelastic Fluid Flow Problems Using the Jeffreys Model, .A.F.Khadrawi, M.A.AL- Nimr.Ali.M. Othman, Journal of Chemical Engineering Science, Volume 60, Issue 24,

December 2005, Pages 7131-7136

11. Non- Darcy Forced Convection for laminar Incompressible Boundary Layer Flow (The family of Wedge and Cone Flows in Porous Media).A.F.Kadrawi, Ali.M.Othman ,M.A.AL- Nimr, International Journal of Heat and Technology, Volume 23, n.2, December 2005

12. Economical Investigation of Pump's Regulation Field by Analytical-Numerical Method, Ali.M. Othman – Journal of Mechanical engineering-Vol. 60, No. 1, 2009, pages 33-47

13. Experimental Study of a Steady State Flow in a Thermosyphon Loop System, S.J.Sulaiman Jalood,Ali.M.Othman– Dirasat Journal- Engineering Science,Volume 35, No.1, April, 2008

14. Control Optimization of Pumps Regulation by Pre-distributor, Scientific Report, Department of Hydraulic Machines and Mechanisms, SVST, Bratislava, Czechoslovakia.1990.