# **CURRICULUM VITAE**

## Nabeel Abu Shaban

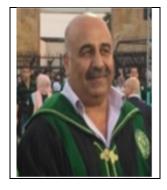
Mechanical engineering, Engineering and Technology Al-Zaytoonah University of Jordan, Amman, Jordan Phone Number: 00962 799953374

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## 1. Personal Data

Date of Birth: 5/4/1965 Nationality: Jordanian Married, 5 children https://www.zuj.edu.jo/FET/mechanical-department.html



## 2. Education

- Ph.D. (Mechanical Engineering) 2014, Jordan University, Amman, Jordan
- M.Sc. (Mechanical Engineering) 1997, Jordan University, Amman, Jordan
- B.Sc. (Mechanical Engineering) 1989, Aleppo University, Aleppo, Syria

## 3. Ph.D. Dissertation

INVESTIGATION, ANALYZING THE PERFORMANCE OF THE TRI-GENERATION PARABOLIC TROUGH UNDER JORDANIAN CLIMATE CONDITION AND ESTABLISHING A THEORETICAL MODEL CORRELATED WITH EXPERIMENTAL DATA, University of Jordan, Amman, Jordan

## 4. Employment

Maintenance	ARAAB	KSA	1/10/1989	31/12/1990
Industrial sector	MISAB	Amman	23/8/1992	12/02/1996
Industrial sector	AMPCO	Amman	12/2/19	996 31/12/2000
Governmental Ministry of energy Amman			1/1/2001 31/12/2001	
Freelancer) pri	vate Jordan	Amman	1/1/2002 1.	2/10/2002

## Academic Positions

- Assistant Prof. A ZUJ Amman -Jordan, 22/10/2020 - Now
- Assistant Prof. ZUJ Amman – Jordan, 1/9/2014- 22/10/2020
- Instructor UOJ Amman Jordan, 12/10/2002 -31/8/2014

## Administrative Positions

- Vice dean of engineering technology faculty, ZUJ, Amman, 1/10/2020 Now
- Chairman of mechanical engineering department, ZUJ, Amman, 1/9/2015- Now

## 5. <u>Research Interests</u>

- Thermal power systems and renewable energy
- Manufacturing and material science

#### 6. <u>Membership in Scientific Societies and Associations</u>

- Jordanian Engineers Association (JEA) (3/4178)
- Member in the Branch of Mechanical Engineering Jordanian Engineers
- Association. Conferences organizing and scientific committee.
- Head of Local community service at ZUJ
- Technical representative in Erasmus+ project (ECO Car, 2020)

#### 7. Honors and Awards

- Best paper presentation in EPPM conference 2021 Poland
- JEA Shield in JIMEC 2018 scientific committee
- GCREEDER shield in 6<sup>th</sup> global conference scientific committee.

#### 8. <u>Teaching Experience</u>

- Undergraduate Courses
  - Thermal systems ,HVAC
  - > Grants
- Eco car Erasmus plus 2020 for ZUJ
- Scientific funded projects at ZUJ 4 times total fund 100,000JD

## 9. Professional and Scientific Meetings

Scientific Meetings Organized

• Organizing Committee, the Fifh Global Conference on Renewable and Energy Efficiency for Desert Regions (GCREEDER), 2015.

#### 10. Publications

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## • Journals Articles

 Jamil Al Asfar, Ahmad AlShwawr, Nabeel Abu Shaban, Mohammad Alrbai, Bashar R. Qawasmeh, Ahmad Sakhrieh, Mohammad A. Hamdan, Omar Odeh *Thermodynamic analysis of a biomass-fired lab-scale power plant*, SCIE, Scopus Energy Elsevier, Vol. 194 (2020)

2 Ahmad Aboushi, Mohammad Hamdan, Eman Abdelhafez, Esra'a Turk, Jwan Ibbini, and Nabeel Abu Shaban Water disinfection by solar energy, Energy sources, part A: recovery, utilization, and environmental effects, SCIE, Scopus Energy Taylor and Francis, UK, Vol. 43(17), 2021

Nabeel Abu Shaban, Nabeel Alshabatat, Safwan Al-Qawabah

*Effect of flap peening speed on the surface quality and micro hardness of aircraft aluminum alloys*, Archives of Metallurgy and Materials, SCIE, Scopus Metallurgy and Materials, Polish Academy of Sciences, Institute of Metallurgy and Materials Science, Poland, Vol. 67(3), 2022

 
 4
 Nabeel Abu Shaban, Eman Abdelhafez and Mohammad Hamdan, How Students, in an Air Conditioning and Heating Course, Assess the Impact of the COVID-19 Pandemic on the ABET Stu-3 dent Learning Outcomes
 Sustainability

 SCIE, Scopus
 Sustainability
 MDPI AG, Switzerland
 Accepted, Vol. 13(x)

5 Nabeel Abu Shaban, Ibraheem Nasser, Jamil Al Asfar, Safwan Al-Qawabah, Abdullah N. Olimat, Thermodynamic and Economic Analysis of a Refrigerator Display Cabinet Equipped with a DC Compressor and Electronic Expansion Valve, International Journal of Heat and Technology, Scopus, Emerging Science Citation Index Expanded (ESCI) Heat Edizioni E.T.S., Italy Vol. 38, No. 2, June, 2020, pp. 432-438

6 Ahmad Al-Qaisia, Jamil Al Asfar, Nabeel Abu Shaban, Areej Eniezat Experimental Investigation of the Performance of a Vortex Tube with Conical

*Control Valve*, Jordan Journal of Mechanical and Industrial Engineering Scopus , Hashemite University and Ministry of Higher Education and Scientific Research (Jordan), Vol. 14 (2) 2020.

#### 7 Abdullah N. Olimat, Ahmad S. Awad, Nabeel Abu Shaban

Experimental Investigation on the Effect of Fire-Resistant Coatings on Combustion and Flame Spread Characteristics by Medium Density Fiber Boards Commonly Used in Jordan, International Review of Mechanical Engineering, ScopusScopus ,Praise Worthy Prize, Italy,Vol. 14(1), 2020.

#### • Conference Publications:

Safwan M. Al-Qawabah, Nabeel Abu Shaban and Ahmad Al-Aboshi, Investigation of Roller Burnishing Process on the Mechanical Characteristics, and Micro-hardness of Al-4 wt% Cu Under Hot Work Conditions, Lecture Notes in Mechanica Engineering,,Springer International Publishing, USA,Vol. PP. 209-214, 2017.

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