CURRICULUM VITAE

Nabeel Abu Shaban

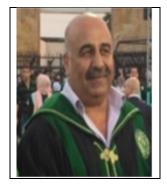
Mechanical engineering, Engineering and Technology Al-Zaytoonah University of Jordan, Amman, Jordan Phone Number: 00962 799953374

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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 6th 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

3

• 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.

1