

CURRICULUM VITAE

Nabeel Abu Shaban

Mechanical engineering, Engineering and Technology

Al-Zaytoonah University of Jordan, Amman, Jordan

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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	12/2/1996	31/12/2000
Governmental	Ministry of energy	Amman	1/1/2001	31/12/2001
Freelancer)	private Jordan	Amman	1/1/2002	12/10/2002

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. Research Interests

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

6. Membership in Scientific Societies and Associations

- 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. Teaching Experience

- ***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 Fifth Global Conference on Renewable and Energy Efficiency for Desert Regions (GCREEDER), 2015.

10. Publications

• Journals Articles

- 1 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
- 3 **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:

- 1 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.