

## Curriculum Vitae Template

### Personal Information

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<b>Academic Rank</b>	Associate Professor
<b>Nationality</b>	Jordanian
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<b>Google scholar</b>	<a href="https://scholar.google.com/citations?user=a7ezrLwAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=a7ezrLwAAAAJ&amp;hl=en</a>



### Academic Qualification

Degree	Major	Awarding University	Duration		Country
			From	Year of Awarding	
Doctor of Philosophy	Mechanical engineering/ wind energy	Universiti Tun Hussein Onn Malaysia (UTHM)	2018	2020	Malaysia
Master	Mechanical engineering/ thermo and fluids	Near East University	2015	2017	North Cyprus
Bachelor	Mechanical engineering	al Balqa' applied university faculty	2011	2015	Jordan

		engineering			
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### Academic Experience

Duration (Years)	University	Position	Main Duties
4	Isra university	Assistant professor	Prepare and deliver lectures, seminars, and laboratory sessions.

### Professional Experience

Duration (Years)	Institution	Job title	Main duties

### Training Courses

Course	Organizer	Date	Participant/ instructor	language

### Publications

Paper title	Journal	ISSN	Vol. Issue	Year	Country



Using 2-bladed Savonius rotor to harvest highway wind energy at airport: A case study	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	15567230	46	2024	United Kingdom
Enhancing the Aerodynamic Performance of the Savonius Wind Turbine by Utilizing Quarter Elliptical	Flow, Turbulence and Combustion	13866184	112	2024	Netherlands
Coupling membrane electro-bioreactor with anammox process to treat wastewater at low temperatures	Arabian Journal of Chemistry	18785352	16	2023	Saudi Arabia
Performance improvement of a Savonius wind turbine using wavy concave blades	CFD Letters	21801363	15	2023	Malaysia
Using Weibull distribution model for wind energy analysis of small-scale power generation at Al-Salt city in Jordan	Modeling Earth Systems and Environment	23636203	9	2023	Switzerland



A Study of Global Solar Radiations Measurement inJava Island, Indonesia	EVERGREEN Joint Journal of Novel Carbon Resource	218904 20	10	2023	Japan
Optimization of the Residential Solar Energy Consumption Using the Taguchi Technique and Box-Behnken Design: a Case Study for Jordan.	International Journal on Energy Conversion (I.R.E.CON.),	-2281 5295	11	2023	Italy
Development of wind-solar maps in Aqaba, Jordan as potential sources for power generation	Journal of Applied Engineering Science	182131 97	21	2023	Serbia
Assessing the wind energy potential in provinces of west java, papua, and east borneo in indonesia	Journal of Applied Engineering Science	182131 97	20	2022	Serbia
TheStudy of Aerodynamics and Productivity of the Savonius Rotor with Supplementary Blades	International journal of renewable energy research	130901 27	12	2022	Turkey

Assessment of Wind Energy Potentiality at Ajloun, Jordan Using Weibull Distribution Function	EVERGREEN Joint Journal of Novel Carbon Resource	218904 20	9	2022	Japan
Performance Analysis of a Modified Savonius Rotor Using a Variable	EVERGREEN Joint Journal of Novel Carbon Resource	218904 20	9	2022	Japan
The effect of spacing between inner blades on the performance of the Savonius wind turbine	Sustainable Energy Technologies and Assessments	-2213 1388	43	2021	United Kingdom
Performance of the Savonius wind rotor with two inner blades at low tip speed ratio	CFD Letters	-2180 1363	12	2020	Malaysia
Numerical investigation of inner blade effects on the conventional Savonius rotor with external	Journal of Sustainable Development of Energy, Water and Environment Systems	184892 57	8	2020	Croatia



Performance of double blade Savonius rotor at low rotational speed	Journal of Computational and Theoretical Nanoscience	1546195	17	2020	United States
The effect of inner blade position on the performance of the Savonius rotor	Sustainable Energy Technologies and Assessments	2213-1388	36	2019	United Kingdom
Wind energy assessment for the capital city of Jordan, Amman	Journal of Applied Engineering Science	18213197	17	2019	Serbia
Review of the Recent Power Augmentation Techniques for the Savonius Wind Turbines	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	-22897879	60	2019	Malaysia
Study of multiple half blades effect on the performance of Savonius rotor: experimental study and artificial neural network (ANN) model	Indian Journal of Science and Technology	-09745645	11	2018	India

## Books



Book Title	Publisher	Country	Edition	Year

### Conference

Scope	Name	Organizer	Date	Country	Participation	Peer-Reviewed
Science, Technology, Engineering, and Mathematics	3rd Asia International Multidisciplinary Conference 2019	UTM university	2/5/2019	Malaysia	participate	Yes
Computational Fluid Dynamics in Research and Industry	International Conference on Computational Fluid Dynamics in Research and Industry 2019	Universiti Brunei Darussalam	4/8/2019	Brunei	participate	Yes

### Research Interests

Aerodynamic  
Wind Turbine Design  
Wind Assessment  
Numerical simulation  
Computational Fluid Dynamics (CFD)

### Professional Memberships

Jordanian Engineers Association (JEA) membership -

### Languages

Arabic (native language): Excellent in reading, writing, and conversation

English: Excellent in reading, writing, and conversation (with Academic IELTS  
certificate band 6)

### Postgraduate Supervision

Title	supervisee



## Honors/Awards

- Full Ph.D. scholarship from Al-Isra University, Amman, Jordan, 2018–2020
- Silver medal in the International Research and Symposium and Exposition (RISE) 2020  
project title: Savonius wind rotor with inner blades.