

SABA AMAAR SALIH

PhD Renewable Energy

PERSONAL INFORMATION

First name	Saba Amaar Salih	
Last name	Hadi	
Date of birth	09/May/1982	
Nationality	Iraqi	
Address	Alsaydiyah – Baghdad - Iraq	
Phone number	+964 7800588916	
Email address	Saba.amaar@gmail.com	

PROFILE

Highly motivated and hardworking individual, PhD in Renewable Energy /Wind Turbines. My career goal is to assume a role of research and development data for well-respected and leading universities.

ACADEMIC QUALIFICATIONS

NATIONAL UNIVERSITY OF MALAYSIA	PhD Renewable Energy Solar Energy Research Institute Thesis Title "OPTIMIZATION DESIGN OF SMALL VERTICAL AXIS WIND TURBINE FOR LOW WIND SPEED REGIONS"	07/2010 – 02/2018
<i>Bangi – Malaysia</i> ALNAHRAIN UNIVERSITY <i>Baghdad - Iraq</i>	MSc Mechanical Engineering Mechanical Engineering Department	09/2004 – 04/2007

**ALNAHRAIN
UNIVERSITY**
Baghdad - Iraq

BSc Mechanical Engineering
Mechanical Engineering Department

09/1998 – 07/2001

WORK EXPERIENCE

ALFARAHIDI UNIVERSITY <i>Baghdad – Iraq</i>	LECTURER	10/2018 – Present
	Lecturer in Aeronautical Engineering Techniques Department. Teaching Engineering Thermodynamics and Engineering Analysis.	
ALMAMOON UNIVERSITY COLLEGE <i>Baghdad - Iraq</i>	LECTURER	10/2017 – 10/2018
	Lecturer in Department of Communications Engineering. Teaching Engineering Drawing, AutoCAD, MatLAB, Fluid Mechanics, Heat Transfer, Thermodynamics, Mathematics, Vibration, Mechanics of Materials, and Engineering Analysis.	
ALMAMOON UNIVERSITY COLLEGE <i>Baghdad - Iraq</i>	ASSOCIATE LECTURER	07/2007 – 07/2010
	Associate lecturer and reporter of Electrical Power Engineering Techniques Department. Teaching Engineering Drawing, AutoCAD, Power Plant, Power Generation, Thermodynamics, Fluid Mechanics, Vibration, Mechanics of Materials.	

SKILLS

LANGUAGE	Arabic	●●●●●
	English	●●●●○
SOFTWARE	ANSYS CFD	●●●●○
	AutoCAD	●●●●○
	IES VE	●●●○
	Rhino 3D	●●●●○
	Microsoft Office	●●●●○

RESEARCH INTEREST	Renewable Energy	●●●●○
	Green Building	●●●○○
	Solar Thermal Applications	●●●○○
	Wind Turbine	●●●●○
	CFD Analysis	●●●●○

PUBLICATIONS

- 1- Saba A. Salih, Sohif Mat, K. Sopian, “Blade Optimization of 300 Watt Vertical Axis Wind Turbine for Low Wind Speed Region”, MU-IGBC Conference, 2018.
- 2- Saba A. Salih, Sohif Mat, K. Sopian, “Optimization of 300 Watt Vertical Axis Wind Turbine for Low Wind Speed Regions: A Case Study of Malaysia”, Research Journal of Applied Sciences, Engineering and Technology, November 2017.
- 3- Saba A. Salih, Sohif Mat, E. Salleh, K. Sopian, C. H. Lim, “Optimization of Vertical Axis Wind Turbine (VAWT) Performance Using Venturi Effect (VE)”, International Conference on Energy, Environment and Economics, ICEEE, Heriot-Watt University, Edinburgh, UK, vol.3, August 2016.
- 4- Saba A. Salih, Sohif Mat, E. Salleh, K. Sopian, “Simulation Analysis of Changing the Area Ratio in Venturi-Vertical Axis Wind Turbine (V-VAWT)”, Advances in Renewable Energy Research, Malaysia, vol.1, January 2015.
- 5- Saba A. Salih, Sohif Mat, K. Sopian, E. Salleh, Alkhair M., “Simulation Analysis of Venturi-Vertical Axis Wind Turbine (V-VAWT)”, Proceeding of the 8th International Conference on Renewable Energy Sources (RES’14), Kuala Lumpur, vol. 25, April 2014.

CERTIFICATE

- 1- PICIPTA 2013, “Venturi-Vertical Axis Wind Turbine V-VAWT”, Silver Medal.
- 2- International Greentech and ECO Products Malaysia, IGEM 2014.

- 3- Best Poster Academia, International Conference on Energy, Environment and Economics, ICEEE2016, Harriot-Watt University.

PATENT

Patent Number: MY 14-E0483-0101.

Date: 14 August 2014.

REFERENCE

1. Prof. Dato' Dr. Kamaruzzaman Sopian, Solar Energy Research Institute, National University of Malaysia, Tel: +60389118023, Email: ksopian@ukm.edu.my.
2. Prof. Dr. Sohif Bin Mat, Solar Energy Research Institute, National University of Malaysia, Tel: +60389118582, Email: sohif@ukm.edu.my.