Curriculum Vitae

1 .Name Surname : Akinola Babatunde

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Email : akika_baa@yahoo.com

2. Date of Birth : March 22, 1983

3. Title : Dr.

4. Education History

Degree	**Subject**	**University**	**Year**
Bachelors	Electrical Engineering	University of Ilorin, Nigeria	2001-2005
Masters	Energy Systems Engineering	Cyprus International University	2012-2014
PhD	Energy Systems Engineering	Cyprus International University	2014-2018

5. Academic Awards.

Best Research – African Students Grand Awards

6. Masters and PhD Dissertations (Theses).

6.1 Master Theses.

Evaluation of field data and three simulators' results for photovoltaic systems in North Cyprus.

6.2 PhD Theses.

Impact of dust, tilt angle and orientation on performance of PV plants, and predictive analysis of specific yield.

7. Publications.

7.1 International journals and published articles.

- Predictive analysis of photovoltaic plants specific yield with the implementation of multiple linear regression tool. Environmental Progress and Sustainable Energy. 2018.
- Analysis of the impact of dust, tilt and orientation on performance of PV plants; 2018. Elsevier Journal of Renewable and Sustainable Energy Reviews; 90:1017-1026.
- A guide in installing large-scale PV power plant for self-consumption mechanism; 2016. Elsevier Journal of Solar Energy; 132:518-537.
- Evaluation of field data and simulation results of a photovoltaic system in countries with high solar radiation; 2015. Turkish Journal of Electrical Engineering and Computer Science; 23(6):1608-1618.
- Assessment of solar water heating in Cyprus: utility, development and policy; 2017. International Journal of Renewable Energy Research; 7(3):1448-1453.
- A review of renewable energy potential in Nigeria: Solar power development over the years; 2017. Engineering and Applied Science Research; 44(4):242-248.

7.2 International book publications or participation in book chapters.

- Photovoltaic system performance in countries with high solar radiation: A case study of Northern Cyprus

8. Undergraduate Projects

- Analysis of impact of tilt angel and orientation on performance of PV plants
- Effect of inverter-based cleaning on the performance of photovoltaic systems

9. Administrative Duties.

- Student Advisor

10. Awards.

- Best Researcher, African Students Grand Awards (ASGA) 2018, North Cyprus
- Best Leader, African Students Grand Awards (ASGA) 2018, North Cyprus
- Most Influential Personality, ASGA 2017 & ASGA 2018, North Cyprus

11. Undergraduate and graduate level courses taught in the last two years.

Academic Year	Term	Course title	Weekly Hours		Number of Students
			Theoretical	Practical	
2016-2017	Fall	Pre-calculus	2	4	63
		Statistics 1	6	0	155
		General Physics 2	0	2	21
	Spring	Pre-calculus	2	2	4
		Linear Algebra	2	0	150
		Differential Equation & Linear Algebra	4	1	16
		General Physics 2	0	4	62
2017/2018	Fall	Differential Equation & Linear Algebra	4	1	16
		Differential Equation	2	1	84
		Thermodynamics	0	2	45
		Energy Systems 1	2	0	18
	Spring	Differential Equation	2	1	44
		Thermodynamics	0	2	31
		Energy Systems 2	0	2	16
		Heat & Mass Transfer	0	2	38
		Energy Systems Modeling, Analysis & Simulation	0	2	14
		Energy Efficiency & Management	3	0	8
2018/2019	Fall	Alternative Energy Technologies	3	0	23
		Energy And Environment	3	0	17
		Photovoltaic Power Plants	3	0	10
		General Physics 1	3	0	140