



Curriculum Vita

Name	Dr. Jaafar Ali kadhum Al-Anbary.	
Date and Place of Birth	1956 Babylon/ Iraq.	
Marital status	Married.	
Home address	Baghdad / Al-Mansur Mobile : oo9647721943078 E-mail: 11023@uotechnology.edu.iq	
Work field	Solar and Renewable energies.	
employ address	University of Technology /Energy and Renewable Energies Technology Center	
Languages	Mother Language: Arabic. Other Languages: English.	
Educational certificates		
Date	Institution / University	Degree Earned
1980	Al-Rasheed College/ University of Technology/ Baghdad	B.Sc. Mech. Eng.
1987	Al-Rasheed College/ University of Technology/ Baghdad	M.Sc. Power (Engines)
2010	Mechanical and Electrical college/ Damascus University.	Ph.D. Renewable Energies.
Employment Experience		
Dates	Institution / University	Position / functions
1980-1984	Ministry of defense.	Director of repair workshop.
1987-1999	Al-Rasheed College.	Assist Lecturer in Mechanical Engineering Department.
1999-2001	Al-Rasheed College.	Director of collage mechanical workshops.
2001-2003	Al-Rasheed College.	Assist Lecturer in Chemical Engineering Department.
2003-2005	Al-Rasheed College.	Assist Lecturer in Mechanical Engineering Department.
2005- 2011	Energy and Renewable Energies Technology Center /University of Technology Baghdad	Lecturer in Energy and Renewable Energies Technology Centre.
2001-2016	Energy and Renewable Energies Technology Center	Head of Wind Energy Division Energy Technology Center.
2016- until now	Energy and Renewable Energies Technology Center	Director of Energy and Renewable Energies Technology Center.

Conference and workshop

2010 – 1st. French & Syrian Conference. In Renewable energies. As participant.
 2011- 1st Scientific conference on energy application and renewable energies. As participant.
 2013- -National renewable energy conference and their application. As participant
 2015- 1st Conference for Ensuring Renewable Energy for Better Environment. As participant.

Publications

Date	Title	Scientific Journal
1987	Design of low speed wind tunnel.	Journal of Al-Rashid collage.
2009	The influence of Aspect Ratio on the Airfoils Performance.	Journal of Damascus university.
2009	Wind power extraction by fluctuating wing.	Journal of Damascus university.
2010	Practical investigation for the reliability of aerofoil program packages relating with the aerodynamic performance.	Journal of AL-Baath university.
2014	Design and Construction of Hybrid Solar-Wind System used for Irrigation Projects.	Indian journal of applied research. Volume 4 July.
2015	Cooling system for solar housing in Iraqi buildings.	Journal of the college of basic education.
2015	Design and construction of Battery (Deep cycle) Specially for electrical power storage with specification of 12v 60Ah	Journal of Iraqi Society of Engineering
2016	A Comparative Study of Solar Thermal Cooling and Photovoltaic Solar Cooling in Different Iraqi Regions	International Journal of Enhanced Research in Science , Technology & Engineering ISSN:2319-7463, Vol. 5 Issue3, March-2016
2016	Nano-particles (NPS) Leverage in Lithium-ion Batteries Performance	International Journal of Pharmacy & Technology
٢٠١٦	The Impact of Dust Accumulation on the PV Panels Outcomes	International Journal of Computation and Applied Sciences Vol. 1, Issue 2, 2016
٢٠١٦	Nano-filtration Means (Reduced in Pollution, Water Consumption, and Win Money)	International Journal of Computation and Applied Sciences Vol. 1, Issue ٣, 2016
consultation	The Ministry of Industry (1999-2003) Board member of the General Company for batteries management (2013-2015)	

Experience:

In Renewable Energy:

Design and manufacturing of many types of wind turbines up to 5kw.

Design and manufacturing of many types of solar water distillation systems.

Design and construction of solar electrical system up to 100kw, provided with solar attractor device and control systems.

In Mechanical Engineering field:

Design and construction of milling copy machine.

Design and construction of spark and electro-chemical cutting machine.

Manufacturing of dental amalgam alloys.

Design and manufacturing of motors porous bearing.

Aluminum, bronze, zinc metal mold and die casting.

Powder production of some non active metals.

Casting of thermosetting plastic products.

Experience in fiber-glass works.

Design and construction of mechanical control systems.

In Electrical Engineering field:

Design and manufacturing of 10w to 10kw electrical transformers.

Design and manufacturing of permanent magnetic horizontal axis magnetic flux electrical generator up to 5kw.

Manufacturing of high frequency transformer core (ferrite), and electrical induction furnace.

Manufacturing of ceramic magnet.

Metallic electrical coating for active and inactive materials.

Design and construction of electrical control systems.