


Curriculum Vita

Name	Mohammed Ali Fayad			
Date and Place Of Birth	11/9/1975 – Iraq-Baghdad			
Material status	Married			
Education				
Date	Institution	Degree Earned		
2001 - 2004	University of Technology, Baghdad, Iraq	M.Sc. Mechanical Engineering 2004		
1994-1999	AL-Rasheed College of Engineering and Science, Baghdad, Iraq	B.Sc. Mechanical Engineering 1999		
Employment Experience				
Dates	Employer	Position	Primary duties	
2005-2010	University of Technology, Energy and fuel research center	Researcher and Lecturer	Researcher in renewable energy field and Assistant Lecturer in mechanical engineering department.	
2004-2005	AL-Rasheed College of Engineering and Science	Lecturer	Lecturer in mechanical engineering department	
Training and Conference				
Date	Title	Location		
2013	The investigation of effect dust on the performance of solar collectors with different areas	National conference of renewable energies and application 2013, University of Technology.		
2011	The Investigation and Calculation the Solar Heat Gain Through Glass Domes.	1 ST Scientific Conference of Energy and Renewable Energy Application 2011, University of Technology.		
Publications				
Date	Title	Journal		
2015 Impact factor: 5.33	Role of Alternative Fuels on Particulate Matter (PM) Characteristics and Influence of the Diesel Oxidation Catalyst.	Environmental Science & Technology. Environ. Sci. DOI: 10.1021/acs.est.5b02447		
2013	Natural convection heat transfer of liquids in a rectangular enclosure.	Foundation of Technical Education , Al-Taqni Journal,		
2010	Performance Improvement of a Turbo shaft Engine Using Water Injection.	The Iraqi Journal for Mechanical and Materials Engineering, College Engineering, Babilon University, Vol.11, No. 3,p.417-436, 2011.		
2010	The Application of Solar Energy in The Grops	J. Tikreet for science and engineering,		

	Drying Process.	college Engineering, Tikreet University, Iraq, Vol.18, No. 1, 2010.
2011	The Investigation of Strain Hardening Behavior of Fine Grained Brass Alloy Under Plastic Deformation in Plane Strain Compression.	Journal of Basic Education – Al-Mustansirya University, College of Basic Education, Vol.17, No. 69,p.191-198, 2011.
2011	Theoretical Study of Aerodynamic Performance of Horizontal Axis Wind Turbine.	Foundation of Technical Education ,Al-Taqni Journal, Vol.24, No. 8, p.1-14, 2011.
2011	Prediction of Thermal Characteristics For Solar Water Heater.	Anbar Journal for Engineering Sciences , Anbar University, College of Engineering, Vol.4, No. 2, p.18-32, 2011 .
2011	Analytical Solution for Predicting Heat Pipe Performance.	Foundation of Technical Education , Al-Taqni Journal, Vol.25, No. 1, p.82-94, 2012.
Research and Conference	Published Papers (8), Conference (2).	
Research Fields	1- Solar Energy. 2- Biofuel. 3- Hydropower Energy. 4- Thermodynamic & Heat Transfer.	
Academic Posts	1- Lecturer 2004-2005 2- Lecturer in Energy and Renewable Energies Technology Center 2005-201۲	
Address	University Of Technology Energy and Fuel Research Center E-mail: mohamed_maf_75@yahoo.com mohammedafm@gmail.com Tel.: 00964(01)5556690 Mob.: 00964(0)7903209046	
<u>Languages</u>	Mother tongue: Arabic Other Languages: English (Very Good), I have Certification in English Language, Issued from University of Technology.	
<u>Computer Programs:</u>	Word, Excel, Power Point, FrontPage, Internet, E-mail Translation, AutoCAD.	
Accomplished Devices	1. Solar Car System 2. Solar Heating System	

Lecturer
Mohammed Ali Fayad
M.Sc. Mech. Engineering.
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