
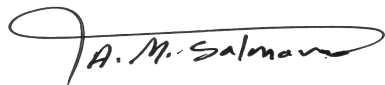


Curriculum Vita

Name	Ayad Mahmoud Salman			
Date and Place of Birth	1/2/1979 – Iraq-Baghdad			
Material status	Married			
Education				
Date	Institution	Degree Earned		
2000 - 2003	University of Technology, Energy and Renewable Energies Technology Center, Baghdad-Iraq	M.Sc. Mechanical Engineering degree awarded September 2003		
1995-2000	University of Technology, Baghdad, Iraq.	B.Sc. Mechanical Engineering degree awarded June 2000		
Employment Experience				
Dates	Employer	Position	Primary duties	
2003-2005	Al-Mustansiriya University	Lecturer	Lecturer in mechanical engineering department	
2005 -	University of Technology	Researcher, Lecturer	Researcher in renewable energy field and Lecturer in mechanical engineering department	
Training and Conference				
Dates	Title	Location		
October 2008	Computational Study of turbulent free convection heat transfer in vertical shell and tube.	Complete Engineering Scientific Conference, Al-Mustansiriya University, College Engineering.		
April, 2009	Forced convection heat transfer entrance region in turbulent flow between parallel plate duct.	The 11 scientific conference, University of Babylon.		
April, 2010	Computational Study of Fluid Flow and Heat Transfer in Vertical Channel with and without Buoyancy	The scientific global conference, Najaf Technical College.		
March, 2011	Numerical analysis of natural convection in two- dimensional square enclosure filled by liquid metal	The 3 rd scientific conference, College of Engineering, University of Babylon.		
December, 2011	A computational study of laminar natural convection heat transfer in annular enclosure	The 5 th scientific conference, Wasit University.		
December, 2011	Study of using solar energy for purpose heating buildings in Baghdad.	1 st scientific conference of energy and renewable energy applications 2011.		
	Design of untouchable speed damping for wind turbine generators by applying centrifugal principle.			
April 2015	Prediction of Losses in Small Scale Axial Air Turbine Based on CFD Modelling	The 7 th International Conference on Applied Energy – ICAE2015		

April 2015	Optimization Of Small Scale Axial Air Turbine Using ANSYS CFX	22 nd the IIER CONFERENCE, London, UK
Publications		
Date	Title	Journal
2003	Turbulent Forced Convection Heat Transfer in Developing Flow through Concentric Annuli.	Arabic Universities Union , Baghdad University, Baghdad-Iraq. Vol. 10, No. 2, 2003.
2006	Turbulent Forced Convection Heat Transfer in Developing Flow Through Rectangular Duct.	The Iraqi Journal for Mechanical and Materials Engineering, College Engineering, Babilon University, Vol. 6, No. 1, 2006.
2006	Developing Compressible Turbulent Flow and Heat Transfer in Circular Tube with Uniform Injection or Suction.	J. Engineering , College Engineering, Baghdad University, Baghdad-Iraq, No. 3, Vol. 13, 2007.
2007	Design Parameter Effects on Thermal Performance of Special Packed Bed for Heat Storage.	J. Al-TAQANI, Foundation of Technical Education, Baghdad-Iraq. Vol. 21, No. 4, 2008.
2009	Study of Using Solar Energy in Absorption Refrigeration System for Air-conditioning Buildings.	J. Engineering and Development, Al- Mustansiriya University, Baghdad-Iraq, Vol. 13, No. 4, 2009.
2010	Using Personal Computer for Vibration Measurements an Rotor Balancing.	J. Engineering, college Engineering, Baghdad University, Vol. 16, No. 2, pp.(5129-5149).
2011	Design and Implement 8085 microprocessor bag system for engineering application	J. Basic education, college of basic education, Al-Mustansiryia University, Vol. 17, NO. 69, pp.(147-156), 2011.
2011	Design and Implement Temperature, Direction and wind speed meter by using computer.	J. Basic education, college of basic education, Al-Mustansiryia University, Vol. 17, NO. 68, pp.(101-119), 2011.
2011	A numerical prediction of the turbulent parameters in two-dimensional ventilation rooms.	J. Eng. and Technology, University of Technology. Vol. 26, No. 6, pp. (1052-1068), 2011.
2011	An Investigation of Natural Convection Heat Transfer in a Square Enclosure Filled with Nanofluid.	J. Eng. and Technology, University of Technology.
2011	Natural Convection Heat Transfer in Rectangular Enclosure with Sinusoidal Boundary Condition.	J. Engineering and Development, Al- Mustansiriya University, 2011.
Research and Conference	Published Papers (12), Conference (6).	
Research Fields	1- Computational Fluid Dynamics and Heat Transfer. 2- Solar Energy. 4- Wind Energy. 3- Air-conditioning. 4- Vibration and Control.	
Academic Posts	1- Lecturer 2003-2009 2- Assistant Lecturer in Energy and Fuel Research Center. 2005-2009	

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<u>Languages</u>	Mother tongue: Arabic Other Languages: English (Good), I have Efficiency Certification in English Language, Issued from University of Baghdad.
<u>Computer Programs:</u>	Word, Excel, Power Point, FrontPage, Internet, E-mail Translation, AutoCAD.
<u>Accomplished Devices:</u>	<ol style="list-style-type: none"> 1. Sterilization Water System. 2. Sterilization Air System. 3. Water desalination system using solar energy. 4. Computer system to measure temperature, wind speed and direction.



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