

CURRICULUM VITÆ

The personal data	
Full name	Assist Proof Dr. Dhafer Manea Hachim AL-HASNAWI
Date of birth	Najaf -1977
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Academic Qualifications				
Qualification	University Name	Field- Specialization	Location / Country	Graduation Year
BSc	Kufa	Mechanical Engineering - General	Faculty of Engineering / Iraq	2000
MS	Kufa	Mechanical Engineering - Power	Faculty of Engineering / Iraq	2003
Ph.D	Basrah	Mechanical Engineering - Power	Faculty of Engineering / Iraq	2011

Scientific expertise		
Jobs and positions that work out	From the date - to date	Review of the main tasks of the job or position
A faculty member in the Department of Engineering Technology of Power Mechanics / Engineering Technical College Najaf	2005 until now	teaching of Advanced Fluid Mechanics (MTe-Post graduate) and the teaching of Fluid Mechanics (second stage-under graduate)
Manager of alternative and renewable energy research Unit -Engineering Technical College Najaf	2012 until now	Work on scientific research in the field of alternative and renewable energies

Research Interest Areas
Fluid and heat transfer numerical Solution, alternative and renewable energies, Heat pipe, and other mechanical researches.

Supervision of M. Sc. Students		
Title of M.Sc Thesis	From the date - to date	Name of student and the position of the work
Study Of The Performance Of Tubular Solar Still In Iraq	2015-2016	Mr. Hussein Ali Jabar, Engineering College, Department of Mech. Eng./Basrah University
Application of passive cooling techniques in vernacular houses to modern urban houses in Iraq	2017-2018	Mr. Anwer AL-Aasam , Amirkabir University of Technology(Tehran Polytechnic)

Scientific Activities and literature and published research (Book - Journal - Conference)

No.	Research Title	Publisher	Date of Publishing
1-	Numerical Analysis Of Vapor Flow In A Horizontal Cylindrical Heat Pipe	Qadisiyah Journal of Engineering Science / Faculty of Engineering, University of Qadisiyah IV Volume Issue III	2011
2-	Performance Analysis Of Constant Conductance Heat Pipes Using Artificial Neural Networks	Conference Faculty of Engineering, University of Basra for the research of graduate students - March 29, 2011	2011
3-	Renewable energy sources and their applications in Iraq	International Conference on the reform of higher education in Iraq	2012
4-	Reduce noise pollution of small electric generators	Third International Scientific Conference / technical college Najaf	2013
5-	Experimental Study Of the Effect Of Working Fluid Quantity On Performance Of Constant Conductance Heat Pipe	Wulfenia Journal, Vol. 20, No. 3; Mar 2013 Impact Factor 0.267	2013
6-	Thermal Losses Reduction For A Trough Collector: Part 2 Heat Transfer	Al-Qadisiyah Journal For Engineering Sciences, Vol. 8.....No. 22015	2015
7-	Experimental Study of Wave Shape and Frequency of the Power Supply on the Energy Efficiency of Hydrogen Production by Water Electrolysis	International Journal of Innovative Research in Science, Engineering and Technology (An ISO 3297: 2007 Certified Organization) Vol. 4, Issue 12, December 2015	2015
8-	Experimental Study Of The Performance Of Tubular Solar Still In Najaf City	International Journal Of Energy And Environment Volume 6, Issue 6, 2015 pp.587-596 Journal homepage: www.IJEE.IEEFoundation.org	2015
9-	Thermal Losses Reduction For A Solar Trough Collector: Part 1 Fluid Flow	Kufa Journal of Engineering Vol. 7, No 2 (2016)	2016
10-	Experimental Study of the Performance of Low Cost Solar Water Heater in Najaf City	International Journal of Mechanical & Mechatronics Engineering IJMME-IJENS Vol:16 No:01	2016
11-	Theoretical Study The Effect Of Insulation Of Water Basin On The Productivity Of Tubular Solar Still	The 5-th International Conference on Thermal Equipment, Renewable Energy and Rural Development TE-RE-RD 2016, that will be organized in the period 2-4 June at the hotel Atlas - Golden Sands - Bulgaria.	2016
12-	Thermal Analysis of Light Weight Wall Made from Sandwich Panels In The Aspect Of Thermal Insulation Design For Sustainable Built Environment	6th International Conference on Thermal Equipment, Renewable Energy and Rural Development, TE-RE-RD 2017, Moieciu de Sus, 8-10 Jun 2017	2017
13-	Measurements of Wind and Solar Energies in Najaf, Iraq	Advances In Natural And Applied Sciences Journal, Vol:11 No:09- 2 July 2017	2017