


# CURRICULUM VITÆ

The personal data	
Full name	<b>Hassanain ghani hameed Hassan Al-hussaini</b>
Date of birth	<b>25/5/1977</b>
Title / workplace	<b>Najaf/Engineering Technical College</b>
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Academic Qualifications				
Qualification	University Name	Field- Specialization	Location / Country	Graduation Year
BSc	Kufa	Engineering/Mechanics	Iraq	2000
MSc	Kufa	Engineering /Thermo Mechanics	Iraq	2004
Ph.D	Basra	Engineering /Thermo Mechanics	Iraq	2015

Scientific expertise		
Jobs and positions that work out	From the date - to date	Review of the main tasks of the job or position
External lecturer, Department of Mechanical Engineering at Kufa University	2004-2005	
lecturer, Department of Automobile Engineering- Technical College- Najaf	2005-2019	
Rapporteur, Department of Automobile Engineering- Technical College- Najaf	2007-2008	
Administrator of Dormitories , Engineering- Technical College- Najaf	2005-2007 2008-2010	
Director of Dormitories, Al-Furat Al-Awsat technical university	2015-up to now	
Member of Iraqi Academic Syndicate/ Najaf Branch	2018- up to now	
Financial Administrator of Iraqi Academic Syndicate/ Najaf Branch	2018- up to now	
Dean of Najaf Technical College	15/12/2019- up to now	

Research Interest Areas
<b>Fluids, heat transfer, thermodynamic, nanofluids and renewable energy</b>

Supervision of M. Sc. Students		
Title of M.Sc Thesis	From the date - to date	Name of student and the position of the work
Numerical and Experimental Study for Enhancement of a single-slope solar still	2018-2020	Muntadar M. Ali/Najaf-engineering technical college

productivity for different water depths using PCM-nanoparticles		
Investigation The Effect of Enhancing Evaporation-Condensation Process on a Conventional Solar Still Performance	2019-2021	Zahraa Abdulkareem/Najaf-engineering technical college
Thermal analysis and temperature distribution study of oil cooled large power transformers windings in transmission grid	2019-2021	Aymen Abdulkareem Abass /Najaf-engineering technical college

<b>Scientific Activities and literature and published research (Book - Journal - Conference)</b>			
<b>No.</b>	<b>Research Title</b>	<b>Publisher</b>	<b>Date of Publishing</b>
1-	An Experimental Study On An Asymmetric Solar Water Distillation System	1 <sup>st</sup> scientific Conference/Najaf Technical college	2008
2-	Experimental Study for Productivity Enhancement of a Parabolic Solar Concentrator System	Al-Qadisiya Journal for Engineering Sciences	2010
3-	Enhancement of a Single – Slope Solar Still Productivity For a Different Water Depths	Babylon Journal for Engineering Sciences	2011
4-	Numerical Investigation of the Effect of Wire Screen Mesh Specification and Evaporator Length on Thermal Performance of Cylindrical Heat Pipe	Al-Basra Journal for Engineering Sciences	2014
5-	Numerical Simulation of Thermal Performance of Constant Conductance Cylindrical Heat Pipe Using Nanofluid	Al-Qadisiya Journal for Engineering Sciences	2014
6-	Experimental Investigation of Thermal Performance of Variable Conductance Cylindrical Heat Pipe Using Nanofluid	International Journal of Engineering and Sciences	2014
7-	Numerical Simulation of Thermal Performance of Variable Conductance Cylindrical Heat Pipe Using Nanofluid	Kerbala Conference for Engineering Sciences	2014
8-	Power Production Evaluation from Residual Industrial Heat	International Journal of Innovative Research in Science, Engineering and Technology	2016
9-	Investigation the effect of calcinations degree and rotary kiln gases Bypass opening in the preheating system for dry cement industries	International Journal of Latest Trends in Engineering and Technology	2018
10-	Experimental Investigation of the Enhancement Parameters on the Performance of Single-Slope Solar Still	International Journal of Latest Trends in Engineering and Technology	2018
11-	Numerical Investigation of Free Convection Heat Transfer with non-Newtonian Fluid in Different Enclosures Geometries	International Journal of Scientific & Engineering Research	2018
12-	Study of Forced Convection Heat Transfer with non-Newtonian Fluid in circular tube	International Journal of Scientific & Engineering Research	2018
13-	Study the effect of dust on performance of PV panel and design cleaning system	International Journal of Energy and Environment	2019
14-	Numerical Investigation for Single	Journal of Advanced Research in Fluid	2019

	Slope Solar Still Performance with Optimal Amount of Nano-PCM	Mechanics and Thermal Sciences	
<b>Reviewer at Engineering and Technology Journal / University of Technology</b>			

<b>Practical expertise</b>		
<b>Jobs and positions that work out</b>	<b>From the date - to date</b>	<b>Review of the main tasks of the job or position</b>
Administrator of Production , Al Kufa Plant for Soft Drink	2004-2006	
installation of Soft Drink and Mineral Water Factories	2005-2010	
installation of Power Plant in Engineering- Technical College- Najaf	2006	