

**Curriculum Vitae of a faculty member****1. Personal information**

Name Omar Mohammad Hamdoon
Academic Degree Ph.D.
Job Title Faculty member
Major Mechanical Engineering / Thermal Power
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**2. Qualifications**

Degree	Date of Graduation	Name of university	Country	Major
Bachelor	29 th , June 1997 Rank (1) from 26 students	University of Mosul	Iraq	Mechanical Engineering
Master	8 th , April 2000, General grad: V.good.	University of Mosul	Iraq	Refrigeration & Air Conditioning
PhD	2 nd , Feb. 2009, Geraral grad: V.good.	University of Mosul	Iraq	Thermal Power
Title of Master Thesis	Numerical solution of heat transmission during ice formation on a horizontal finned tube.			
Title of PhD Thesis	Performance of desiccant cooling system using Ninavite rocks.			

3. Teaching Expertise

Under Graduate Courses			
Till	From	University Name	Scientific Title
2003	2000	Mechanical Engineering dept. / University of Mosul	Refrigeration & Air Conditioning
2014	2009	Mechanical Engineering dept. / University of Mosul	Engineering Mathematics
2017	2015	Mechanical Engineering dept. / University of Mosul	Power Plant Engineering
2020	2017	Mechanical Engineering dept. / University of Mosul	Engineering Mathematics

Post Graduate Courses		
University Name	Degree Course	Scientific Title
Mechanical Engineering dept./ University of Mosul	M.Sc – Thermal Power	Experimental Design
Mechanical Engineering dept./ University of Mosul	M.Sc – Thermal Power	Conduction & Radiation Heat Transfer

4. Experiences

Period	Job Title	Employment
2000- 2004	Mechanical Engineering Department University of Mosul	Assistant Lecturer
2004- 2009	Mechanical Engineering Department University of Mosul	Ph. Degree student
2009- now	Mechanical Engineering Department University of Mosul	Lecturer
2017- now	Mechanical Engineering Department University of Mosul	Scientific committee
2009 - 2018	Mechanical Engineering Department University of Mosul	Examinations committee
2017- now	Mechanical Engineering Department University of Mosul	Director of Missions and Cultural Relations Division
1997 - now	Iraqi Engineers Association - Consultant	Member
2020	Engineering and Applied Sciences Journal (EAS)	Editorial Board Member

5. Researches & Scientific activities

Date	Publishing House	Research Title
2005	<i>Mu'th Lil-Buhuth wad-Dirasat, vol.20,No.1, P. 73-86.</i>	A Numerical solution of the coupled heat transfer process during freezing on a finned tube.
2005	<i>Mu'th Lil-Buhuth wad-Dirasat, vol.20,No.1, P. 87-100.</i>	Investigation of the ice formation on a horizontal tube fitted with two vertical longitudinal fins.
2013	<i>J. Edu. & Sci., Vol. 26, No.3, P.36-42.</i>	Application of Ninivite Silica Rocks as a desiccant material in cooling systems.
2019	<i>Tikrit Journal of Engineering Sciences, Vol. 26, No.3, P.10-18.</i>	Modeling and Simulation of a Desiccant Evaporative Cooling System.
2020	<i>Thermal Science and Engineering Progress, Vol.17.</i>	Performance analysis of hybrid photovoltaic thermal solar system in Iraq climate condition
2020	<i>International Journal of Heat and Mass Transfer, Vol.156.</i>	Analysis of two-phase flow in a double-pipe heat exchanger filled with porous media
2020	<i>Al-Rafidain Engineering Journal</i>	Improving the Performance of A Flat Plate Solar Collector Using Nanofluid as Working Fluid.

2020	<i>Al-Rafidain Engineering Journal</i> (Under publication)	A review of solar air heaters: techniques for thermal performance enhancement
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