College of Engineering
Academic Accreditation Committee

CV

MECHANICAL ENGINEERING DEPARTMENT
COLLEGE OF ENGINEERING - UNIVERSITY OF ANBAR

Personal Information

Name: Waleed Mohammed Abed

Marital Status: Married

Specialization: Mechanical Engineering/ Power

Position: Lecturer in Mechanical Engineering Dept.

Scientific Degree: Professor

Academic Title: PhD in Mechanical Engineering/ Power

Languages: Arabic and English

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Scientific Certifications

Scientific degree	University	College	Year of graduation
B.Sc.	Anbar	Engineering	1998
M.Sc.	Technology	Engineering	2002
Ph.D.	Liverpool	Engineering	2016

Career

No.	Career	Workplace	From -To
1	Lecturer	University of Anbar	2002-Now
2			

- **Teaching Experiences**

No.	Department	Subject	From – To
1	Mechanical	Mathematic + ICE	2002 - 2003
2	Mechanical	Mathematic + ICE + Heat Transfer	2004 - 2005
3	Mechanical	Mathematic + Heat Transfer	2006 -2011
4	Mechanical	Advanced Fluid + Heat Transfer	2017-2018
5	Mechanical	Advanced Heat transfer + Fluid Mechanics	2018-2023
6			
7			

- **Most recent published papers**

No.	Journal name	Paper title	Year of published
1	Journal of Enhanced Heat Transfer	Experimental and numerical convective heat transfer investigation in laminar rectangular-channel flow across v-shaped grooves	2023
2	AIP Conference Proceedings	Hydraulic-thermal analysis of laminar flows in a rectangular channel with 45°-inclined grooves	2022
3	Anbar Journal of Engineering Sciences	numerical investigation of hydraulic-thermal performance for a double-pipe heat exchanger equipped with 45°-helical ribs	2022
4	International Journal of Heat and Technology	Convective heat transfer in an annulus of concentric and eccentric cylinders with an inner rotating cylinder	2021
5	International Journal of Thermophysics	Experimental measurements of thermal conductivity for non-Newtonian polymeric fluids using a concentric cylindrical cell under static	2021
6	Heat Transfer, Wiley	Numerical simulation of hydrothermal behavior in a concentric curved annular tube	2020
7	International Journal of Thermal Sciences	Heat transfer enhancement in a cross-slot micro-geometry	2017
8	Journal of Non-Newtonian Fluid	Experimental investigation of the impact of elastic turbulence on heat transfer in a square serpentine	2016
9	Int. J. Heat and Mass Transfer	Numerical and experimental investigation of heat transfer and fluid flow characteristics in a micro-	2015
10	Theoretical & Applied Mechanics Letters	Enhancing heat transfer at the micro scale using elastic turbulence	2015

- ## Thesis and dissertation supervising

No.	Thesis Title	Department	Year
1	Characteristics of convection heat transfer in a concentric curved annular pipe	Mechanical Engineering	2019
2	Numerical and experimental study of hydrothermal performance in a V-Shaped grooved channels	Mechanical Engineering	2022
	numerical and experimental study of a finned double pipe heat exchanger	Mechanical Engineering	2022

- ## Memberships

No.	Association	Country	Year
1	Member of the British Society of Rheology	UK	2015
2	Member of Iraqi Engineers Association	Iraq	1998
	Member of Association of University Lecturers	Iraq	2006