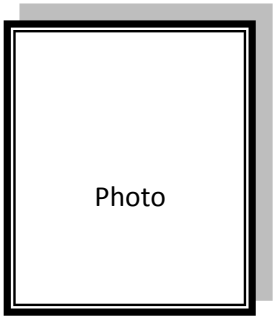
College of Engineering
Academic Accreditation Committee

CV

MECHANICAL ENGINEERING DEPARTMENT
COLLEGE OF ENGINEERING - UNIVERSITY OF ANBAR

Personal Information



Name: Hamdi E. Ahmed

Marital Status: married

Specialization: Thermofluid

Position: Ph.D,

Scientific Degree: Assist. Prof.

Academic Title: Lecturer

Languages: Arabic

Work Address: University of Anbar, Department of Mechanical Engineering

Work Phone: N/A

Mobile: +9647726129959

E-mail: hamdi.ahmed@uoanbar.edu.iq

Scientific degree	University	College	Year of graduation
B.Sc.	University of Anbar	Engineering	2002
M.Sc.	University of Anbar	Engineering	2005
Ph.D.	Uniten	Engineering	2014

Scientific Certifications

No.	Career	Workplace	From -To
1	Lecturer	University of Anbar	2006- right now

2		

- **Career** **No of total careers:**

- **Teaching Experiences** **NO of total courses have taught:**

No.	Department	Subject	From – To
1	Mechanical Engineering	Thermodynamics	2006-Now
2	Mechanical Engineering	Fluid Mechanics	2007-2010
3	Mechanical Engineering	Heat Transfer	2020-now
4	Mechanical Engineering	Mechanical Drawing	2006-2010
5	Mechanical Engineering	Engineering Drawing	2006-2010
6	Mechanical Engineering	Numerical Analysis	2015-2017
7	Mechanical Engineering	Engineering analysis	2015-2016
8	Mechanical Engineering	English Language	2015-2018
9	Mechanical Engineering	Research Methodology	2015-2018

- **Most recent published papers** **NO of total papers have published:**

No.	Journal	Paper title	Year of published
1		Hamdi E. Ahmed, Obaid T. Fadhil, Mohammed Gh. Jehad, Mohanad A. Alfellag, Enhancement of Thermal Design of Pipe Filled Partially with Porous Media Using Eccentric Fluid Cores, Arabian Journal for Science and Engineering, https://doi.org/10.1007/s13369-022-06815-4	
2		Hamdi E. Ahmed, Issam M.Ali Aljubury, Ammar A. Farhan, Mohammed Gh. Jehad, A New Microchannel Heat Sink Design Using Porous Media Inserts, Jordan Journal of Mechanical and Industrial Engineering, 16(2) (2022) 225 – 245.	
3		Mohanad A. Alfellag, Hamdi E. Ahmed, Obaid T. Fadhil, Akeel Sh. Kherbeet, Optimal hydrothermal design of microchannel heat sink using trapezoidal cavities and solid/slotted oval pins, Applied Thermal Engineering 158 (2019) 113765.	

4		Mohanad A. Alfellag, Hamdi E. Ahmed, A. Sh. Kherbeet, Numerical simulation of hydrothermal performance of minichannel heat sink using inclined slotted plate-fins and triangular pins, Applied Thermal Engineering 164 (2020) 114509	
5		Mohanad A. Alfellag, Hamdi E. Ahmed, Mohammed Gh. Jehad, Marwan Hameed, Assessment of heat transfer and pressure drop of metal foam-pin-fin heat sink, International Journal of Thermal Sciences 170 (2021) 107109.	

- ## Thesis and dissertation supervising

NO of total :

No.	Thesis Title	Department	Year
1	**Numerical Investigation of Hydrothermal Performance of Plate-Pinned Microchannel Heat Sink**	**Mechanical**	**2017**
2	**Heat Transfer Enhancement of Circular Pipes Partially Filled with Grooved Metallic Foams**	**Mechanical**	**2018**
	Hydraulic–Thermal Performance of Annulus Heat Exchanger Filled Periodically with Metal Foam	**Mechanical**	**2021**

- ## Memberships

No.	Association	Country	Year
1	**None**		
2			