

CV

Name: Dr. Mustafa B. Al-hadithi

Date of Birth: 12-10-1963

Religion: Muslim

Martial statues: Married

No. of children: 4

Specialization: Mechanical Engineering – Fluid dynamics & Heat Transfer

Position: Teacher

Scientific Degree: Assistant Professor

Work Address: College of Engineering – University of Anbar

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First, Scientific Certification:

Degree	University	College	Date
B.Sc.	Sadam University	Military Technical College	1986
M.Sc.	Baghdad University	College of Engineering	1995
Ph.D.	University of Technology	Military engineering college (former)	2003
(D.E.A)	Valencenne University	Engineering College	1990

■ **Second, Career:**

No.	Career	Workplace	From -
1	Associate Scientific Researcher	Scientific Research and Technical Development Authority	1986-1990
2	Scientific Researcher	Al-Milad Company	1990-2000
3	Advanced Scientific Researcher	Al-Kuds Company	2002- 2003
4	Doctor(Advanced Scientific Researcher)	Ministry of Scientific and Technology - Flight Research Center	2003-2008
5	Teacher	Mechanical Engineering Department- College of Engineering- University of Anbar	2008-2010
6	Assistant Dean for Scientific Affairs	College of Engineering – University of Anbar	2010-2015
7	Teacher (Ass. Prof.)	Chemical and Petroleum Engineering Department – College of Engineering- University of Anbar	2015-2017

■ **Third, University Teaching.**

No.	University	The (Institute / College)	From -To
1	Technical Institutes Authorities	Farok Institute	1995-2000
2	Al-Huraa University	Engineering College	2006-2008
3	University of Anbar	Engineering College- Mechanical Engineering Department	2008-2014
4	University of Anbar	Engineering College – chemical and petroleum engineering department	2014-2017

Fourth, Courses Which You Teach:

No.	Department	Subject	Year
١	Al-Farok institute	Calculus + material resistance	1995-2000
٢	Aluraa Uni. Engineering college	Calculus-I + Numerical Analysis	2006-2007
٣	Mechanical Engineering Department	Fluid mechanical	2008-2013
٤	Mechanical Engineering Department	Numerical Analysis	2012-2014
٥	Mechanical Engineering Department	Computational Fluid Dynamics	2012-2014
٦	Chemical and Petroleum Engineering Department	Calculus-I + Calculus-II	2014-2017
٧	Chemical and Petroleum Engineering Department	Fluid Mechanics-I + Fluid Mechanics-II	2014-2017
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Fifth, Thesis which was supervised by :

No.	Thesis Title	Department	Year
1	Heat Transfer Enhancement Of Flat Plate Solar Collectors For Water Heating In Iraq Climatic Conditions	Mechanical Engineering Department	2014
2	Experimental Study of the Thermal Characteristics for a Thermosyphon Pipe with Finned Condenser.	Mechanical Engineering Department	2016

■ **Sixth, Conferences which you participated:**

No.	Conferences Title	Year	Place	Type of Participation
1	BOND21	2013	Malaysia	The effect of phase change material on thermal energy Storage in cement layers.
2	WSEAS International Conference	2011	Moscow - Russia	Solving the Thermal Boundary Layer with Heat Flux Estimation Around An Elliptical Body
3	Engineering Conference of Al-Qadisiyah University	2010	Al-Qadisiyah University	Thermal Response and Thermal Stress Analysis for Semisphere Axisymmetric Body
4	1 st Engineering Conference – Engineering College-Anbar University	2011	University of Anbar	Administrative activity

■ **Seventh, Scientific Activities:**

Within the College	Outside the College
Chairman of the Examinations Committee	Chairman of the Incubators technology Committee at Anbar University
Member of the Central Examination Committee	
Continuing Education Course (Professional Safety Course)	
Continuing Education Course (Neumatic and Hydraulic Control course)	
Seminar (CFD is a tool for today's engineer).	
Seminar (Use of PCM to reduce thermal load through the walls).	

Eighth, Research Projects in The Felid of Specialization to

The Environment and Society or the Development of Education:

No.	Research Title	Place of Publication	Year
1	Experimental Study of the Thermal Characteristics for a Thermosyphon Pipe with Finned Condenser	Al-Nahrain University, College of Engineering Journal (NUCEJ) Vol.91 No.2, 6192 pp.301 - 309	2016
2	The effect of phase change material on thermal energy storage in cement layers	Int. J. Nanoelectronics and Materials 9 (2016) 133-142	2016
3	Heat Transfer Enhancement of Flat Plate Solar Collectors for Water Heating in Iraq Climatic Conditions	Al-Nahrain University, College of Engineering Journal (NUCEJ) Vol.18 No.2, 2015 pp.259 - 272	2015
4	STUDYING THE POSSIBILITY OF UTILIZING SOLID WASTES IN ANBAR PROVINC TO PRODUCE ELECTRICAL ENERGY	Iraqi Journal of Desert Studies	2012
5	<u>Solving the Thermal Boundary Layer with Heat Flux Estimation Around An Elliptical Body</u>	• 7th IASME/WSEAS International Confer	2011
6	Use of Phase Change Material in Residential Walls to Reduce Cooling Load	Anbar Journal of Engineering Sciences <i>AJES-2011, Vol.4, No.1</i>	2011
7	Advanced Method for Analysis of Flow in High Performance Nozzle	WSEAS Conference in Greek	2005
8	Experimental Investigations of Heat-Flux and Temperature Predictions by Inverse Technique	WSEAS Conference in Greek	2005
9	Solving the Three Dimensional Unsteady Laminar Boundary Layer of Incompressible Flow	Journal of Science and Technology	2000

10	Thermal Calculations for the Thermal System Inside A Wind Tunnel Storage Tank	Fourth Engineering Conference –university of Baghdad.	1996
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■ **Ninth, Membership:**

- Editing Manager of Anbar Journal of Engineering Sciences

■ **Tenth, Awards and Certificates of Appreciation:**

No.	Name of Awards and Certificates	Donor	Year
1	Five books of thanks and appreciation	President of Anbar University	2011,2012,2013, 2014,2015
2	A certificate of appreciation	Euphrates Basin Center	2013
3	A certificate of appreciation	BOND21	2013
4	A certificate of appreciation	President of Anbar University	2016

■ **Eleventh, Scientific literature:**

No.	Scientific Literature Title	Year of The Publication
1	<i>Fundamentals of Fluid Mechanics</i>	2015

■ **Twelfth, languages:**

- ✓ English.
- ✓ French.