

C.V.

Personal Information's

Name: Mustafa B.
Surname: Al-Hadithi
Nationality: Iraqi
Religion: Muslim
Scientific Ranks: Lecturer, Asst. Prof.
& Senior Scientific Researcher.
Special Field: Heat Transfer & Fluid dynamics.
Date of Birth: 12/10/1963
Place of Birth: Iraq-Anbar-Haditha
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Scientific Qualifications Obtained.

B.Sc. in Mechanical Engineering on 26th, June, 1986 from Military Technical College.
DEA in Fluid and Energy on 1st October 1990 from Mechanics and Energy Department-
Universite de Valenciennes, French.
M.Sc. in Fluid and Heat Transfer on 1995 from College of Engineering – University
of Baghdad, Iraq
Ph.D. in Analysis of Thermal Flow on 15-2-2003 from (the former Military College of
Engineering) - University of Technology, Iraq

Scientific Papers.

1. Solving the Three Dimensional Unsteady Laminar Boundary Layer of Incompressible Flow.
2. Thermal Calculation for the Thermal system Inside Wind Tunnel Storage Tank.
3. Transient Thermal Analysis of Nozzle and Chamber with Explicit Scheme.
4. Solving the Thermal Boundary Layer with Heat Flux Estimation around an Elliptical Body.
5. Calculation Load in Pipe Connection Parts.
6. Study of Composite Material Insulation used in Nozzle.
7. Design of Experimental Measurement System for Wall Motor nozzle by using Thermocouples.
8. Advanced Method for Analysis of Flow in Nozzle.
9. Parabolized Scheme Solutions of Viscous Supersonic Flow in Nozzle.
10. Experimental Investigations of Heat-Flux and Temperature Predictions by Inverse Technique.
11. The Thermal Response and Thermal Stress Analysis for Semisphere Axisymmetric Body.
12. Use of Phase Change Material in Residential Walls to Reduce Cooling Load
13. The Effect of Phase Change Material on Thermal Energy Storage in Cement Layers.
14. Studying the Possibility of Utilizing Solid Wastes in Anbar Province to Produces
Electrical Energy.
15. Heat Transfer Enhancement of Flat Plate Solar Collectors for Water Heating in Iraq
Climatic Conditions.
16. Experimental Study of the Thermal Performance for a Thermosyphon Pipe with Finned
Condenser
17. Experimental Investigation of Heat Reduction through Walls Using Phase Change Material

Official Positions.

1. Assistance Scientific Researcher, from 1986 -1990 in Scientific Research Committee, Baghdad-Iraq.
2. Manager of Design Department, from 1990-2003 in Al-Milad Company-Ministry of Industrial, Baghdad-Iraq.
3. Manager of Airplane Research Department, from 2003-2005in Ministry of Science and Technology, Baghdad-Iraq.
4. Editing Manager of Anbar Journal for Engineering Sciences from 2010-2014.

5. Dean Assistant for Scientific Affairs and Higher Education from 2011-2015.
6. Dean Representative in Engineering College/ Kirkuk location. 2015-2016.
7. Lecturer in Chemical and Petrochemical Engineering Department from 2015.

Teaching Experiences.

1. Lecturer in Al- Farok Institute from 1995 – 2005, Baghdad-Iraq.
2. Lecturer in College of Science and Technology – Al-Huraa University- Holland. (Mathematics, Work Technicians, Mechanisms Control, Engineering Drawing, Advance Mathematics, Numerical Analysis), 2006-2007.
3. Teaching (Fluid Mechanics, Numerical Analysis), from 2008-2012, Mechanical Engineering Department- College of Engineering - University of Anbar, Iraq.
4. M.Sc. Teaching (CFD) in Mechanical Engineering Department, College of Engineering - University of Anbar, Iraq.
5. M.Sc. Supervision, in Mechanical Engineering Department, College of Engineering - University of Anbar, Iraq.
6. Teaching (Calculus-I and Calculus-II) 1st stage in Chemical and Petroleum, Electrical and Dam departments, College of engineering, University of Anbar, 2015-2016.
7. Teaching (Calculus-I and Calculus-II) 1st stage in Chemical and Petrochemical Engineering Department, College of engineering, University of Anbar, 2016-2018.
8. Teaching (Fluid Mechanics-I and Fluid Mechanics-II) 2nd stage in Chemical and Petrochemical Engineering Department, from 2014.
9. Teaching (Heat transfer-I and Heat Transfer-II) 3rd stage in Chemical and Petrochemical Engineering Department, from 2018

Asst. Prof. Dr. Mustafa B. Al-hadithi

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