



سيرة ذاتية لعضو هيئة التدريس

أولاً: البيانات الشخصية

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ثانياً: المؤهلات العلمية

الدرجة	سنة التخرج	اسم الجامعة	البلد	التخصص
الدكتوراه	1991	جامعة كولورادو الرسمية	الولايات المتحدة الأمريكية	موانع وانتقال الحرارة
الماجستير	1979	جامعة الموصل	العراق	تكييف وتثليج
البكالوريوس	1976	جامعة الموصل	العراق	هندسة ميكانيكية

ثالثاً: الخبرات العملية

الوظيفة	جهة العمل	الفترة الزمنية
رئيس قسم الهندسة الميكانيكية	جامعة الموصل	2003-2000
رئيس قسم الهندسة الميكانيكية	جامعة الموصل	2018-2011
عضو المكتب الاستشاري الهندسي	جامعة الموصل	2003-2000
عضو المكتب الاستشاري الهندسي	جامعة الموصل	2011- لحد الان
تصاميم تكييف وتدفئة الهواء للمباني والمصانع	المكتب الاستشاري الهندسي لجامعة الموصل	1993- الان
تصميم المبادلات الحرارية	المكتب الاستشاري الهندسي لجامعة الموصل	1993- الان
تصميم مخازن التثليج	المكتب الاستشاري الهندسي لجامعة الموصل	1993- الان

A. S. Dawood, B. L. Manocha, and S.M.J. Ali, "The effect of vibrations on natural convection heat transfer from a horizontal cylinder," International Journal of Heat and Mass Transfer,24, (1981)	1
M. Christon and A. S. Dawood, "3-D visualization for finite difference and finite element modeling," 9 th CUBE symposium(1990).	2
A.S. Dawood, P.J. Burns, Steady three-dimensional convective heat transfer in a porous box via multigrid, Numer. Heat Transfer Part A 22 (1992) 167–198	3
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F. S. Mansour and A. S. Dawood,“ Numerical Investigation of Heat Transfer and Fluid Flow Characteristics Inside Wavy Channels Fully Filled with Porous Medium,” Mech. Eng. Research, Canadian Center of Science and Education, Vol.3 (2013	15
A. S. Dawood and H. A. Yousif,” Optimization of Solar-Driven of Small Absorption Air Conditioning System,” Hundasit Al-Rafidain, Vol. 21 No.4 (2013	16
A. S. Dawood and N. M. Basher,” Natural Convection from Two Perpendicular Heated Surfaces Embedded in Porous Cavity,” Hundasit Al-Rafidain, Vol. 22. No.1 (2014	17
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A. M. Jumaa, A. S. Dawood and H. S. Mustafa, “ Approximation Study of Heat Transfer for Darcy-Forchheimer-Brinkman Model in Porous Cavity Confined bt Two Finite Thickness Walls,” Inter. J. Advanced Scientific and Technical Research, Vol.2 No. 5 (2015)	22
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Mohammed A. A. and A. S. Dawood," Mixed Convection Heat Transfer in a Ventilated Enclosure with and without Porous Medium,” Journal of Porous Media, Vol.19 No.4 (2016)	25
الكتب والمؤلفات:	
Compressible Gas Flow Tables	1
Compressible Fluid Flow a Concise Introduction	2
المواد التدريسية: الدراسات الاولية	
Descriptive Geometry	1
Engineering Drawing	2
Thermodynamics	3
Engineering Mechanics	4
Mathematics	5
Engineering Analysis	6
Heat Transfer	7
Fluid Machinery	8
Compressible Fluid Flow	9
Mechanical Vibrations	10
المواد التدريسية: الدراسات العليا-الماجستير	
Advanced Engineering Mathematics	1
Computer Techniques	2
Advanced Thermodynamics	3
Entropy Generation in Heat and Fluid Flow	4

Statistical Thermodynamics	5
Advanced Fluid Mechanics and Potential Flow	6
Thermal Systems Design	7
Convective Heat and Mass Transfer	9
المواد التدريسية: الدراسات العليا-الدكتوراه	
Advanced Fluid Mechanics	1
Convective Heat Transfer	2
Radiation Heat Transfer	3
Applied Mathematics: Partial Differential Equations	4

خامساً: المؤتمرات العلمية التي شارك فيه

التاريخ	اسم المؤتمر	م
1994	مؤتمر الهندسة الميكانيكية الاول-العراق	1
2013	مؤتمر الهندسي الاول-العراق	2
1990	USA, New México ,Los Alamos" 9 th CUBE symposium	3

سادساً: دورات تنمية قدرات أعضاء هيئة التدريس

التاريخ	أسم البرنامج التدريبي	م
1993	دورة طرق التدريس- جامعة الموصل	1

رسائل الماجستير والدكتوراه التي قام بالإشراف عليها

الماجستير			
التاريخ	عنوان الرسالة	اسم الباحث	م
1997	Natural Convection Heat Transfer in Porous Enclosure with Internal Heat Generation	Z. Y. Saleam	1
1998	Convection Heat Transfer from Heated Rectangular Body Immersed in Porous Medium	O. B. Hmood	2
1999	Numerical Solution of Natural Convection Heat Transfer from Inclined Cavity Filled with Porous	M. E. Ismail	3
2000	Numerical Investigation of Natural Convection Heat Transfer from a Heated Horizontal Cylinder Immersed in a Cavity Filled with Porous Medium.	R. I. Said	4

2001	Numerical Solution of Unsteady Natural Convection Heat Transfer in An Enclosed porous medium Between Two Vertical Cylinders	Hawash K. A	5
2002	Numerical Solution of Natural Convection Heat Transfer in a Multi-Partition Cavity Filled with Porous Medium.	M. A. Al-Timimi	6
2003	Numerical Study of Natural Convection Heat Transfer from Two Horizontal Cylinders Immersed in a Cavity Filled with Porous Media.	A. K. Al-Nagar	7
2004	Effect of Inertia Terms (Non-Darcian) on Natural Convection Heat Transfer in Shallow Cavity	O. R. Al-Omar	8
2005	Free Convective Heat transfer in a Corrugated enclosure.	A. Saleam	9
2006	Numerical Investigation of Natural Convection Heat Transfer in a Porous Enclosure Heated From Below with Sinusoidal Temperature	M. W. Al-Berifcani	10
2007	Numerical Investigation of Convection Heat Transfer in a Semi-Finite Porous Layer Heated From Below with Variable Temperature.	Salem B. M	11
2008	Effect of Obstructions on Convection Heat Transfer in Concentric Horizontal Cylinders Filled with Saturated Medium-Numerical Approach	G. D. Matloob	12
2008	Numerical Study of Non-Equilibrium Convection Heat Transfer in a Porous Layer	M. K. Radhi	13
2009	Unsteady Hydro-Magnetic Convective Heat Transfer with Entropy Generation in a Porous Media Enclosed Between Two Concentric Vertical Cylinders	A. M. Ahmed	14
2010	Convection Heat Transfer from Two-Perpendicular Heated Surfaces Immersed in Porous Cavity	N. M. Basheer	15
2010	Similarity Solution of Mixed Convection Heat Transfer Over a Flat Plat	G.A.Muhammed	16
2011	Convection Heat Transfer Between Two Concentric Elliptical Cylinders Filled with Saturated Porous Materials	O. S. Al-Niami	17
2012	Numerical Solution of R134a Refrigerant in a Capillary Tube.	S. I. Hassan	18
2012	Optimum Design of Air-Conditioning Using Solar Absorption System	H. A. Yousif	19
2013	Numerical Investigation of Heat Transfer and Fluid Flow Inside Wavy Channel Filled with Porous Media	Mansoor F. S.	20
2013	Effect of Obstructions position on Non-Darcian Convection Heat Transfer Between	F. A. Khalil	21

Two Concentric Elliptical Cylinders			
2014	Flow Simulation Through an Open Subsonic Tunnel	H. R. Hamza	22
2014	Optimal Design of Flat Plate Solar Energy System Using Exergy Analysis	A. A. Mohamed	23
2014	Optimal Design of Flat Plate Solar Energy System Using Exergy Analysis	Mustafa M. N	24
2014	Numerical Analysis of Fluid Flow and Heat Transfer Forced Convection in a Channel with Semi-Circle Obstructions Filled with Porous Medium	Himady M. A	25
2016	A Comparative Study of the Perforated Heat Sinks Having Different Pin Fin Configurations	Mohsen A. A	26
2016	Numerical Investigation to Compare the Effect of Using Vortex Generator Having Different Geometries in a Micro channel Heat Sink	Basheer W. N.	27
2017	Conjugate Heat Transfer in a Porous Cavity Surrounded by Three Isothermal Solid Walls	Ali N. H	28
2017	Numerical Investigation of the Effects of nanoparticles in Thermal Flow in Channel with Semicircle Obstructions on its Surface	Sallo A. A	29
الدكتوراه			م
2001	Effect of Non-Darcian Flow on Natural Convection Heat Transfer in a Partitioned Enclosure	A. S. Hessian	1
2008	A Numerical Study of the Unsteady Flow Separation Over an Airfoil with or without Suction and Blowing as an Active Boundary Layer	L. M. Jasim	2
2008	Non-Similarity Coupled Heat and Mass Transfer in Mixed Convection Flow Along a Horizontal Permeable Plate Embedded in a Saturated Porous Medium with Variable Permeability.	S.A. Muhammed	3
2014	Theoretical Study in Solution of Heat Transfer of Different Viscous Fluid with Different Treatments	H. S. Mustafa	4

الرسائل التي قام بمناقشتها

التاريخ	العدد	م
2018-1995	98 رسالة ماجستير	1
2013-1999	15 أطروحة دكتوراه	2