


CURRICULUM VITÆ

The personal data		
Full name	Montadhar Aboodi Muhammed Al-Moussawi	
Date of birth	29/08/1975	
Title / workplace	Najaf Technical College	
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Academic Qualifications				
Qualification	University Name	Field- Specialization	Location / Country	Graduation Year
BSc	Babylon University	Material Engineering	Babylon/Iraq	1997
MS	Babylon University	Material Engineering	Babylon/Iraq	2000
Ph.D	Sheffield Hallam	Material Engineering	Sheffield/UK	2018

Scientific expertise		
Jobs and positions that work out	From the date - to date	Review of the main tasks of the job or position
Consultant Engineer, Al-Milad company for research and development, Simulation, fabrication and designing. Baghdad/ Iraq.	September 1998-March 2003	Designing parts for machines such as shafts, Residual stress analysis using FEM, investigating the slump problems and creep compliance for the viscoelastic materials including polymers and rubbers.
Lecturer/Assistant Professor, Najaf Technical Institute –Material Engineering, Al-Furat Al-Awsat Technical University, Najaf/ Iraq.	November 2004-January 2014	Lecturing different subject in mechanical engineering.

Research Interest Areas

Supervision of M. Sc. Students		
Title of M.Sc Thesis	From the date - to date	Name of student and the position of the work

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Scientific Activities and literature and published research (Book - Journal - Conference)			
No.	Research Title	Publisher	Date of Publishing
1-	Experimental and Numerical Investigation of the pores characteristics effect on thermal conductivity and compressive strength of cellular concrete blocks	المؤتمر الأول للعلوم الصرفة والتطبيقية/ جامعة الكوفة 12-13/3/2008 PP 29-38	13/3/2008
2-	(Thermal Effect on Viscolastic Stress Analysis for Incompressible Material)	مجلة جامعة كربلاء العلمية	2007
3-	The slump Problem of Cellular Concrete Block (Thermostone)	المجلة العراقية للهندسة الميكانيكية وهندسة المواد /جامعة بابل	2009
4-	A Case Study of Types of Failure in Refractory Bricks Lining Cement Kilns	مجلة هندسة الكوفة <i>Kufa Journal of Engineering</i>	2011/6/30
5-	Viscoelastic Finite Element Technique for Computing Rutting of Asphalt Concrete Pavement Including Aging Factor	المؤتمر العلمي الثاني للعلوم الصرفة والتطبيقية/جامعة الكوفة/كلية الهندسة The Second Scientific Conference of Pure and Applied Science Kufa Journal of Engineering,	2010/6/30
6-	Finite Element Method For Incompressible Viscoelastic Materials	مجلة كلية الهندسة جامعة بغداد Journal of Engineering University of Baghdad	28/2/2011
7-	Corrosion Mechanism of Refractory Bricks Lining the Cement Kiln	المجلة العراقية للهندسة الميكانيكية وهندسة المواد جامعة بابل/الهندسة	2009/8/30
8-	The Ovality Problem in Cement Kilns (A Numerical and Experimental Study)	المجلة العراقية للهندسة الميكانيكية وهندسة المواد	2011
9-	A Study on the Failure of Steel Chains in Rotary Cement Kilns	Metallography, Microstructure, and Analysis journal	2018
10-	Thermo-Mechanical Effect on Poly Crystalline Boron Nitride Tool Life During Friction Stir Welding (Dwell Period)	Metals and Materials International journal	2018
11-	Defect in Friction Stir Welding of Steel	Metallography, Microstructure, and Analysis journal	2018

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