

# CURUCIAME VITAE

## 1. Personal Data :

Name: Dr. Abdulkader Ismail Abdulwahab Al - Hadithi

Address: Baghdad

Date and Place of Birth: Iraq – 21 /6 /1968

Nationality: Iraqi

Marital Status: Married

E-mail: [abdulkader.alhadithi@uoanbar.edu.iq](mailto:abdulkader.alhadithi@uoanbar.edu.iq),

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## 2. Education :

Oct 2001 – Oct 2005 **University of Technology, Iraq**  
PhD, Building Materials Engineering  
Baghdad, Iraq

Nov 1998 – Jan 2001 **University of Anbar**  
MSc, Concrete Design and Technology  
Ramadi, Iraq

Oct 1987 – Sep 1991 **University of Basrah**  
BSc, Civil Engineering  
Basrah, Iraq

## 3. Thesis

Abdulkader Ismail Al-Hadithi: *Flexural, Impact and Thermal Properties of Polymer Modified Concrete*. 03/2005, Degree: PhD, Supervisor: Prof. Dr. Bayan Salim Al-Nu'man

Abdulkader Ismail Al-Hadithi: *No-Fines Polymer Concrete Mechanical Properties and Behaviour*. 09/2000, Degree: M.Sc., Supervisor: Assist. Prof. Dr. Ibrahim Ahmed S. Al-Jumaily and Assist. Prof. Dr. Bayan Salim Al-Nu'man

#### **4 . Administration and Professional Experience :**

- a . Engineer in Iraqi Military Works Directorate / Ramadi Branch , 1993 – 1994.
- b. Engineer in the Plant of Clinical Bottle / Ramadi/ 1994-1995.
- c. Structural Engineer – Umour al Mukhtar Engineering Consultant Bureau / Derna-Libya / 1995.
- d . Lecturer in Umar AL Mukhtar Insitiute / Derna – Libya / 1995
- e .Consultant Engineer / Laboratories Director – Engineering Consultant Bureau / College of Engineering, University of Anbar/2004-2011.
- f . External Lecturar in Civil Engineering Department Labs– College of Engineering, University of Anbar/1996-1997-1998-2000.

#### **5 . Academic Experience :**

- a. Assistant head of Civil Engineering Department / College of Engineering. University of Anbar 2000-2001 .
- b .Manger Editor of Iraqi Journal of Civil Engineering 2001-2016.
- c. Assistant of head of Civil Engineering Department for Scientific affairs- College of Engineering / University of Anbar. 2002 - 2006.
- d. Assistant Lecturer in Civil Engineering Department / University of Anbar– 2001-2004.
- e. Lecturer in Civil Engineering Department 2004-2007.
- f. Head of Dams and Water Resources Engineering Department - College of Engineering / University of Anbar, 13/11/2006-30/6/2011.
- g. Assistant Professor in Dams and Water Resources Engineering Department - College of Engineering / University of Anbar since 2007-2015.
- h-Head of Scientific Promotions in College of Engineering / University of since 2012.
- i-Full Professor in Dams and Water Resources Engineering Department - College of Engineering / University of Anbar since 2015.
- j- Associate Dean for Scientific Affairs and Postgraduate Studies since December 2015.
- k-Member of Editorial Board of Iraqi Journal of Civil Engineering Scince-2016.
- l- Member of Editorial Board of Iraqi Journal of Desert Studies/ Desert Studies Center-University of Anbar Scince-2015.

m- Editor in chief of Iraqi journal of civil engineering since 8/11/2017.

### **6.Teaching Experience:**

The following courses had been taught:-

a-Under Graduate Studies:

	Subject	Department	Year
1	Computer programming by GW-basic for 1 <sup>st</sup> class.	Civil Eng. Dept.	
2	Computer programming by q-basic for 2 <sup>nd</sup> class.	Civil Eng. Dept.	2001-2002
3	Design of reinforced concrete structures for 3 <sup>d</sup> class.	Civil Eng. Dept.	2002-2003
4	Construction materials for 1 <sup>st</sup> class.	Civil Eng. Dept.	2004-2005
5	Design of reinforced concrete structures for 4 <sup>th</sup> class.	Dams & Water Resources Eng. Dept.	2005-2006 Until 2014-2015
6	Concrete technology	Civil Eng. Dept.	2014-2015
7	Concrete technology lab.	Civil Eng. Dept.	2014-2015
8	Concrete technology	Dams & Water Resources Eng. Dept.	2014-2015
9	Introduction to design of reinforced concrete structures for 4 <sup>th</sup> class.	Dams & Water Resources Eng. Dept.	2014-2015 until now
10	Design of hydraulic reinforced concrete structures.	Dams & Water Resources Eng. Dept.	2014-2015 until now
11	Graduated Engineering Project (Supervised the Graduation Projects of more than 20 Engineering Students).	Civil Eng. Dept. And Dams & Water Resources Eng. Dept.	

b-Post Graduate Studies (M.Sc.):

	Subject	Department	Year
1	Advanced Composite Materials	Civil Eng. Dept.-Concrete Design and Technology Specialization	2006-2007
2	Advanced Concrete Technology	Civil Eng. Dept-Geotechnical Specialization	2007-2008
3	Advanced Concrete Technology	Civil Eng. Dept-Transportation Specialization	2007-2008
4	Advanced Ceramic	Civil Eng. Dept.-Concrete Design and Technology Specialization	2008-2009
5	Durability of Reinforced Concrete Structures	Civil Eng. Dept.-Concrete Design and Technology Specialization	2009-2010
6	Advanced Composite Materials	Civil Eng. Dept.-Concrete Design and Technology Specialization	2010-2011
7	Advanced Composite Materials	Civil Eng. Dept.-Concrete Design and Technology Specialization	2011-2012
8	Advanced Composite Materials	Civil Eng. Dept.-Concrete Design and Technology Specialization	2012-2013
9	Advanced Concrete Technology	Civil Eng. Dept-Geotechnical Specialization	2013-2014
10	Advanced Composite Materials	Civil Eng. Dept.-Concrete Design and Technology Specialization	2013-2014
11	Advanced Concrete Technology	Civil Eng. Dept.-Concrete Design and Technology Specialization	2014-2015 2015-2016 2016-2017 2017-2018
12	Advanced Composite Materials	Civil Eng. Dept.-Concrete Design and Technology Specialization	2014-2015 2015-2016 2016-2017

**7-Training:**

- Information Training on Accreditation Services for The University of Anbar, Russ College of Engineering & Technology, OHIO University, OHIO- ATHENS, United State of America . 2011.
- 4-Week Academic Developing Training Program, 7<sup>th</sup> Nov-2<sup>nd</sup> Dec /2012 Liverpool John Moores University, Liverpool, United Kingdom.

- Ten Day Course (50 hours) in General English & Academic Skills, 7/11/2012-18/11/2012, Liverpool School of English, Liverpool, United Kingdom.
- One Month Iraq Professors Advanced Study Program, 16<sup>th</sup> Nov- 21<sup>st</sup> Dec/2012 , Southwest Jiaotong University, Chengdu - Sichuan Province, P. R. China.
- Personal Strategic Planning, 25<sup>th</sup> -28<sup>th</sup> May-2016, University of Anbar, Baghdad, Iraq.

### **8-Unions:**

- Consultant engineer in the civil engineering department- Iraqi Engineers Union.
- Member of the Iraqi Teachers Union.
- Member of Association of University Lecturers in Iraq.
- Member in Federation of Arab Engineers.
- Member of Iraqi Forum of Inventors.

### **9-Postgraduate Supervision:**

#### **M.Sc. Thesis in Civil Engineering:**

#### **Civil Engineering Department- College of Engineering-University of ANBAR.**

- Mechanical and Some Thermal Properties of Fiber Concrete Containing Polymer.
- Impact and Mechanical Properties of Ferrocement Modified by Polymer.
- Some Mechanical Properties of Lightweight Aggregate Reinforced by Carbon Fiber and Modified by Acrylic Polymer.
- The effect of Adding Waste Plastic Fibers on The Mechanical Properties of Roller Compacted Concrete.
- The Possibility of Enhancing the Impact Strength Property of Ferro Cement Panels by Using Waste Plastic Fibers
- Shear Transfer of Concrete Members Strengthen by Woven FRP.
- The Effects of Adding Waste Plastic Fibers (WPF) on the Behavior of Self Compacted Concrete Slabs under Impact Loads.
- Flexural Behavior of Polymer Modified Concrete Beams Containing Waste Plastic Fibers (WPF).

- Shear Behavior of Polymer Modified Concrete Beams Containing Waste Plastic Fibers (WPF).

### **Civil Engineering Department- College of Engineering-University of Tikrit.**

- Flexural Behavior and Thermal Properties of Waste Plastic Fibers Reinforced Concrete.

### **Civil Engineering Department- College of Engineering-University of Baghdad.**

- Behavior of High Performance Concrete by Using Waste Plastic as Aggregate

### **Ph.D. Thesis in Civil Engineering:**

The National University of Malaysia- Faculty of Engineering and Built Environment. PhD student (Ibrahim Hakeem Muhammed)

### **10-Honors and Awards:**

Mar 2017	Award: Golden Medal from International Conference of Egypt Cooperation of Egypt Inventors Syndicate "Egypt Invents 2017"
Jan 2017	Award: Silver Medal Certificate from 9th International Invention Fair in Middle East (IIFME) in Class D of Inventions-KUWAIT SCIENCE CLUB- KUWAIT
Nov 2016	Award: Medal for scientific excellence/ University of Anbar
May 2014	Award: Creativity and Innovation Award in the Field of Engineering (1st Winner) - Republic of Iraq/ Ministry of Higher Education and Scientific Research

### **11- Patents and Innovation**

Patent Number: 3669

Patent Title:"Improving Some Mechanical Properties of Concrete by Adding the Chips Resulting from Cutting the Plastic Beverage Bottles"

Patent Date: 25/9/2013

## **12- Reviewing of Journals and Conferences:**

### **Reviewer for the following Journals**

- International Journal of Concrete Structures and Materials, (Elsevier)
- International Journal of Sustainable Built Environment, (Elsevier)
- ACI Structural Journal
- ACI Materials Journal
- Indian Journal of Engineering and Materials Sciences
- International Journal of Concrete Structures and Materials
- Iraqi Journal of Civil Engineering/ College of Engineering-University of Anbar.
- ANBAR Journal for Engineering Sciences/ College of Engineering-University of Anbar.
- Tikrit Journal for Engineering Sciences/ College of Engineering-University of Tikrit.
- Journal of Engineering and Development/ College of Engineering-University of Mustansirya.
- Journal of Engineering and Technology/ University of Technology, Baghdad, Iraq.
- Iraqi Journal of Desert Studies/ Desert Studies Center-University of Anbar

**Reviewer for many engineering and scientific conferences inside and outside Iraq.**

## **13- Research Interest:**

- Developments in concrete materials and design.
- Special concrete.
- Sustainable Concrete.

## **14- Publications**

- 1- Abdulkader Ismail Al-Hadithi, Ibrahim A.S.Al-Jumaily and Bayan S.Al-Nu'man, "*Mechanical Properties of No-Fines Polymer Concrete*". 1st Iraqi Conference of Civil Engineering .20-22/2/2001, Al-Anbar, Iraq.

Published in the Iraqi Journal for Civil Engineering, special issue 2, September 2001.

- 2- Abdulkader Ismail Al-Hadithi, Ibrahim A.S.Al-Jumaily and Bayan S.Al-Nu'man, ***"Some Properties of No-Fines Polymer Concrete"*** . 6<sup>th</sup> International Conference of Concrete Technology in Development Countries, Amman-Jordan-21-24/10/2002.
- 3- Abdulkader Ismail Al-Hadithi, Bayan S. Al-Nu'man and Ayad A.Sleby, ***"Sawdust Concrete and Its Mechanical Properties"***. Iraqi Journal of Civil Engineering, 5<sup>th</sup> issue, March 2004, pp:27-45.
- 4-Al-Hadithi, Abdulkader Ismail , ***"Influence of Increasing Water:Cement Ratio on Concrete Containing Low Content of Polymer"***. Iraqi Journal of Civil Engineering, 6<sup>th</sup> issue, June 2005, pp:25-36.
- 5- Abdulkader Ismail Al-Hadithi, Khalid Battal Najim and Tariq A. Thaker, ***"Behaviour of No-Fines Reinforced Polymer-Modified Concrete Beams"***. Iraqi Journal of Civil Engineering, 8<sup>th</sup> issue, June 2007, pp:1-15.
- 6- Abdulkader Ismail Al-Hadithi, Bayan S. Al-Nu'man,***"Some Properties of No-Fines Polymer Concrete Hollow Blocks"*** . Journal of Engineering and Development, Vol.(11), No (3), December 2007. pp(1-13).
- 7- Khalid R. Mahmood Al-Janabi and Abdulkader I. Abdulwahab Al-Hadithi,***"Modeling of Polymer Modified Concrete Strength with Artificial Neural Networks"***. Iraqi Journal of Civil Engineering, 10<sup>th</sup> issue, March 2007, pp:68-47 .
- 8- Abdulkader Ismail Al-Hadithi and Bayan S. Al-Nu'man,***"Behaviour of Polymer Modified Concrete Slabs under Impact"***.Iraqi Journal of Civil Engineering, 11<sup>th</sup> issue, June 2008.pp:1-24.
- 9- Abdulkader Ismail Al-Hadithi, Bayan S. Al-Nu'man, ,***"Flexural Behaviour of Polymer Modified Reinforced Concrete Beams"***. Journal of Engineering and Development, Vol 13, No1, March(2009). pp(89-109).

- 10- Al-Hadithi, Abdulkader Ismail, ***"Some Properties of Concrete Using Waste Plastic Fiber with a Very Small Percentages"***.The First International Engineering Sciences Conference of Aleppo University (IESC"2008). 2-4/11/2008,Aleppo,Syria.
- 11- Abdulkader Ismail Al-Hadithi and Sheelan M. Hama Al - Barazanji , ***"Some Mechanical Properties of Polymer Modified Concrete Reinforced with a Waste Plastic Fiber"***.First Scientific Conference of College of Engineering ,Babylon University - 17-18 MAY 2009, Babylon, Iraq. Published in the Iraqi Journal of Mechanical And Materials Engineering, Special Issue for the Paper Presented at the 1<sup>st</sup> Annual Scientific Conference of the College of Engineering 17-18 May 2009, Part (D).pp:635-646.
- 12- Abdulkader Ismail Al-Hadithi and, Ghassan S. Jameel Al-Kubaysi, ***"Mechanical Properties of Fiber Concrete Containing Acrylic Polymer"***.Second Annual Scientific Conference of College of Engineering ,Babylon University 24-25 February 2010, Babylon, Iraq. Published in the Iraqi Journal of Mechanical And Material Engineering, Special Issue for the Paper Presented in 2<sup>nd</sup> Annual Scientific Conference of the College of Engineering 24-25 March 2010, Part (D).pp(46-61).
- 13- Abdulkader Ismail Al-Hadithi ; Ahmed Tareq Al-Ejbari and Ghassan S.Jamil, ***"Behaviour of Waste Fiber Concrete Slabs Under Low Velocity Impact"***. Published in Iraqi Journal of Civil Engineering. Volume (9), Issue No.(1), 2013 ,pp:135-148.
- 14- Abdulkader Ismail Al-Hadithi, Ahmed Tariq Al-Ejbary, Mahmmod K. Al-Ani, ***"Study Some Properties of Concrete Containing Industrial Styrobore and Modified by Polymer"***,Accepted in the First Scientific Conference of College of Engineering, University of Anbar November- 2011, Ramadi , Al-Anbar, Iraq.

- 15- Abdulkader Ismail Al-Hadithi, Ameer Abdulrahman Al- Dulaimy and Ahmed Tareq Al-Ejbari, *"Behaviour of Reinforced Polymer Modified High Strength Concrete Slabs under Low Velocity Impact"*, First Scientific Conference of College of Engineering , University of Anbar November- 2011, Ramadi ,Al-Anbar, Iraq. Published in ANBAR Journal for Engineering Sciences, Volume (5), Special Issue No. (2), 2012. pp:171-189.
  
- 16- Abdulkader Ismail Al-Hadithi and Bayan S. Al-Nu'man, *"Improving the Mechanical Properties and Resistance to High Temperature of Concrete by Adding Styrene Butadiene Rubber (SBR) Polymer"*. The 5th Jordanian International Civil Engineering Conference /(JICEC'5), Amman-Jordan , 17-19 January, 2012.
  
- 17- Abdulkader Ismail Al-Hadithi, Khalil I. Aziz and Mohammed Tarrad N. Al-Dulaim. *"Some Mechanical Properties of Ferro-Cement Slabs Modified by Polymer"*. International Conference on Green Technology & Ecosystems for Global Sustainable Development 2012 (ICGTEC2012), which held on 28th - 30th MAY 2012 ; UNIVERSITY OF TUZLA, BOSNIA AND ERZEGOVINA.
  
- 18- Abdulkader Ismail Al-Hadithi and Ghassan S. Jameel Al-Kubaysi. *"The Effects of Adding Acrylic Polymer on Some Mechanical Properties and the Resistance to Elevated Temperatures of Fiber Reinforced Concrete"*. 11th International Conference on Concrete Engineering and Technology 2012 which held on 12 - 14 June 2012 at Kuala Lumpur.
  
- 19- Abdulkader Ismail Al-Hadithi, Dr. Ayad Abdul-Razzaq Mutar, BASHAR ABDULAZEEZ MAHMOOD, *"Using of Poly Styrene Wastes in Concrete"*, Published in the Proceeding of Second Scientific Conference for Pure Science , University of ANBAR, which held on 20th-22th Nov. 2012.
  
- 20- Abdulkader Ismail Al-Hadithi, Ibrahim Ahmed S. Al-Jumaily and Noor Salah Najim Al-Samarai, *"Mechanical Properties of Carbon*

*Fiber Lightweight Aggregate Concrete Containing Acrylic Polymer"* , ANBAR Journal for Engineering Sciences, Volume (6), No. (3), 2013. pp:358-373.

21- Abdulkader Ismail Al-Hadithi, Ahmed Tareq Al – Ejbari, Ghassan S. Jamil *"Behaviour of Waste Fiber Concrete Slabs Under Low Velocity Impact"*. Iraqi Journal of Civil Engineering. Volume (9), Issue No.(1), 2013 ,pp:135-148.

22- Abdulkader Ismail Al-Hadithi. , *"Improving Impact and Mechanical Properties of Gap-Graded Concrete by Adding Waste Plastic Fibers"* . Published in the International Journal of Civil Engineering and Technology (IJCIET). **Volume 4, Issue 2, March - April (2013), pp. 118-131.**

23- Abdulkader Ismail Al-Hadithi, Aseel M. Mohammed, Saif S. Mansour,," *The Possibility of Using Residues of Drink Bottles Making from Aluminum Composites as Aluminum Fibers to Produce Fiber Reinforced Concrete"*. The International Conference to Achieve Sustainable Development in Iraq, University of Baghdad - Baghdad, IRAQ; 8-9/05/2013. Published in the of Association of Arab Univercities, Journal of Engineering Sciences , Special Issue 2013,pp:134-144.

24- Abdulkader Ismail Al-Hadithi, Khalil Ibrahim Aziz, Mohammed Tarrad Nawar Al-Dulaim. *"BEHAVIOR OF FERRO-CEMENT SLABS MODIFID BY POLYMER UNDER LOW VELOCITY IMPACT"*. Published in the International Conference on nano science, Engineering and Management (BOND21) which was held in 19-21 Aug. 2013 at Bayview Beach Resort, Batu Ferringhi Beach, Penang, Malaysia. Published in Advanced Materials Research Vol. 925 (2014) pp 3-7 © (2014) Trans Tech Publications, Switzerland doi:10.4028/www.scientific.net/ AMR.925.3

25- Abdulkader Ismail Al-Hadithi, Valery S. Lesouik, Ahmed Anis Al-Ani,"*The Effects of adding Carbon Fibers to the Concrete using Iraqi*

*Raw Materials" . "Фибробетон с углеродным волокном на сырьевых ресурсах республики Ирак". Published in Scientific and Engineering Challenges of the Construction and Technological Recycling of Industrial Wastes . Belgorod State Technological University, Shukov, Belgorod , Russia. March, 2014.*

- 26- Abdulkader Ismail Al-Hadithi, Ameer Abdulrahman Al-Dulaimy, Saeed Khalaf Rejib, " *Stress-strain relationship for steel-fiber reinforced polymer modified concrete under compression*. Published in Iraqi Journal of Civil Engineering. Vol.(10), Issue(1), 2014, pp:17-30.
- 27- Abdulkader Ismail Al-Hadithi, Adil N. Abed and Eng. ahmed Salie Mohammed, " *The Effect of Adding Waste Plastic Fibers on Engineering Properties of Roller Compacted Concrete*". Published in Iraqi Journal of Civil Engineering. Vol.(10), Issue(1), 2014, pp:31-39.
- 28- Abdulkader Ismail Al-Hadithi, Khalil Ibrahim Aziz and Mohammed Tarrad Nawar Al-Dulaimi " *Behaviour of Ferrocement Slabs Containing SBR Under Impact Loads*. International Journal of Sustainable and Green Energy, 2015; 4(3-1): 34-50, Published online January 13, 2015.
- 29- Abdulkader Ismail Al-Hadithi and Zayd Abdul-Jabbar Al-Obaidi, " *BEHAVIOR OF FERROCEMENT SLABS CONTAINING WASTE PLASTIC FIBERS UNDER IMPACT LOADINGS*". Ciência e Técnica Vitivinícola Journal, 05/2015; 30(5):205-219.
- 30- Abdulkader Ismail Al-Hadithi, " *THE EFFECTS OF ADDING WASTE PLASTIC FIBERS ON SOME MECHANICAL PROPERTIES OF GAP-GRADED CONCRETE CURING BY DRAINAGE WATER AND SEWAGE WATER*". The 10th Asia Pacific Conference on Sustainable Energy & Environmental Technologies (APCSEET 2015), University of Seoul, Korea.; 07/2015.
- 31- Abdulkader Ismail Al-Hadithi, Akram S. Mahmood, and Yasmin Abdul-Hameed, " *Experimental and Numerical Investigation on*

*Shear Transfer of Concrete Specimens Strengthened with CFRP Sheets under Tensile Forces*", Al-Nahrain University- College of Engineering Journal;07/2015.

- 32- Abdulkader Ismail Al-Hadithi, Mahmood Fawzi Alani , *"Mechanical Properties of High Performance Concrete Containing Waste Plastic as Aggregate"*, Journal of Engineering, University of Baghdad, College of Engineering, Issue (8), Vol. (21), August 2015, pp:100-115.
- 33- Abdulkader Ismail Al-Hadithi and Eng. Zayd Abdul-Jabbar Al-Obaidi: *The Possibility of Enhancing Some Mechanical Properties of Ferro-Cement Mortar by Waste Plastic Fibers.* 1<sup>st</sup> International Conference on Engineering and Innovative Technology. Published in **ZANCO Journal of Pure and Applied Sciences** (The official scientific journal of Salahaddin University-Erbil ZJPAS), (2016) **28** (2); pp:470-476.
- 34-Abdulkader Ismail Al-Hadithi and Nahla Naji Hilal, *"The Possibility of Enhancing Some Properties of Self-Compacting Concrete by Adding Waste Plastic Fibers"*, Journal of Building Engineering, Vol.(8), December 2016, pp:20-28.
- 35- Ibrahim H Alfahdawi, S A Osman, R Hamid and Abdulkader Ismail Al-hadithi, *" Utilizing waste plastic polypropylene and polyethylene terephthalate as alternative aggregates to produce lightweight concrete: A review"*, Journal of Engineering Science and Technology, Vol. 11(8) August 2016.
- 36- Abdulkader Ismail Al-Hadithi and Waseem Khairi Mosleh Frhaan, *"The Effects of Adding Waste Plastic Fibers (WPFs) on Some Properties of Self Compacting Concrete using Iraqi local Materials.* Published in Iraqi Journal of Civil Engineering. Vol.(11), Issue(1), 2017, pp:1-20.

