

## السيرة الذاتية



**Full Name:** Haitham Ali Bady

**College:** Engineering

**Date of Birth:** 01/0/1975

**Marital Status:** Married

**Specialization:** Civil Engineering /Structural Engineering

**Academic rank:** Assistant Professor

**Work address:** The University of Al-Qadisiyah/ College of Engineering

**E-mail:** Haitham.althairy@qu.edu.iq

## Occupation

<b>NO.</b>	<b>Occupation</b>	<b>Date <u>obtaining Job</u></b>	<b>note</b>
١	Director of the Engineering Office-College of Education-The University of Al-Qadisiyah-	٢٠٠٢	
٢	Director of the Engineering Consulting Bureau - The University of Al- Qadisiyah-	٢٠٠٢	
٣	Editor in chief of Al-Qadisiyah Journal for Engineering Sciences	٢٠١٧	

### Academic Qualifications (Cetificates)

<b>Academic qualification</b>	<b>College</b>	<b>University</b>	<b>Date obtained</b>
Bachelor's degree	The University of Kufa	Engineering	١٩٩٧
Master's degree	The University of Technology	Civil Engineering	2000
Doctorate	The University of Manchester	Mechanical, Aerospace and Civil Engineering	2012
Other			

### Academic rank:

<b>NO.</b>	<b>Academic rank</b>	<b>Date</b>
١	Assistant Lecturer	23/3/2002
٢	Lecturer	31/12/2012
٣	Assistant Professor	20/4 2016
٤	Professor	N/A

## Scientific researches

NO.	Research Title	Date published
<u>1</u>	H. Al-Thairy H, Wang YC, A numerical study of the behaviour and failure modes of axially compressed steel columns subjected to transverse impact, International Journal of Impact Engineering 38 (2011) 732-744.	٢٠١١
<u>2</u>	H. Al-Thairy, Y.C. Wang, A Simplified Analytical Method for Predicting the Critical Velocity of Transverse Rigid Body Impact on Steel Columns, International Journal of Impact Engineering 58 (2013) 39-54	٢٠١٣
<u>3</u>	H. Al-Thairy, Y.C. Wang, An Assessment of the Current Eurocode 1 Design Methods for Building Structure Steel Columns under Vehicle Impact, Journal of Construction Steel Research, 88 (2013) 164–171	٢٠١٣
<u>4</u>	H. Al-Thairy, Y.C. Wang , A Simplified Analytical Method for Predicting the Critical Velocity of Vehicle Impact on Steel Columns, Journal of Constructional Steel Research, 92, (2014) pp. 136-149..	٢٠١٤
<u>5</u>	H. Al-Thairy, Y.C. Wang , Simplified FE vehicle model for assessing the vulnerability of axially compressed steel column against vehicle frontal impact, Journal of Constructional Steel Research 102, November 2014, 190–20.	٢٠١٤
<u>6</u>	H. Al-Thairy, Wang YC “ Behaviour and Design of Steel Columns Subjected to Vehicle Impact “, Applied Mechanics and Materials Vol. 566 (2014) pp 193-198© (2014) Trans Tech Publications Switzerland,doi:10.4028/www.scientific.net/AMM.566.193.	٢٠١٤
<u>7</u>	H. Al-Thairy, “A modified single degree of freedom method for the analysis of building steel columns subjected to explosion induced blast load “,International Journal of Impact Engineering Vol. 94 (2016) pp 120-133 (	٢٠١٦

<b><u>8</u></b>	H. Al-Thairy, "Behaviour and Failure of Steel Columns Subjected to Blast Loads: Numerical Study and Analytical Approach ", Advances in Materials Science and Engineering Volume 2018 (2018), Article ID 1591384, 20 pages	٢٠١٨
<b><u>9</u></b>	H. Al-Thairy . "Analytical predictions of moment curvature relationship of steel beam columns under fire attack ".MATEC Web of Conferences 162, 04006 (2018) BCEE3-2017.	٢٠١٨
<b><u>10</u></b>	H. Al-Thairy ."Residual strength of steel beam columns under elevated temperature", Journal of Constructional Steel Research 155 (2019) 176–191.	٢٠١٨
<b><u>11</u></b>	Al-Thairy . Effect of using river sand on the strength of normal and high strength concrete. International Journal of Engineering and Technology(UAE), 7(4.20 Special Issue 20), pp. 222-228	
<b><u>12</u></b>	Haitham Ali Bady, Optimum Design Of Nonlinear Elastic Plastic Steel Frames Comprised Of Tapered Members With Displacement Constraints. Journal of Babylon University. Vol. 13, No. 5, 2006. pp.906-923	٢٠٠٦
<b><u>13</u></b>	Haitham Ali Bady, Numerical Method For Evaluating the Ultimate Flexural Moment Capacity Of Concrete Slab Using Yield Line Theory. Journal of Babylon University. Vol. 13 No. 5, 2006. pp.855-870	٢٠٠٦
<b><u>14</u></b>	Haitham Ali Bady, Optimum Design of Nonlinear Elastic Steel Frames Comprised of Tapered Members with Strength Constraints. Al-Qadisiya Journal for Engineering Sciences Vol. 1, No. 1, 2008. pp.109-125	٢٠٠٨
<b><u>15</u></b>	Haitham Al-Thairy, Effect Of Transverse Reinforcement On The Axial Compressive Strength Of Reinforced Concrete Columns. Al-Qadisiya Journal for Engineering Sciences. Vol. 9, No. 1, 2016. pp.119-1345	٢٠١٦
<b><u>16</u></b>	Haitham Al-Thairy, Single Degree of Freedom Analysis Method for Steel Beams Under Blast Pressure Using Nonlinear Resistance Function with Strain Rate Effects University of Babylon Journal. Vol. 25, No. 1, 2016.	٢٠١٦
<b><u>17</u></b>	Sadjad Amir Al-Jallad, Haitham Al-Thairy. Effete of We Opening on the Axial Load Capacity of Steel Columns with Cold Formed Thin Walled Section (CFS).Kufa Journal for Engineering. Vol. 7, No. 3, 2017.	٢٠١٧

### **Published and Translated Books:**

<b>No.</b>	<b>Book Title</b>	<b>Published Date</b>
	N/A	N/A

### **Number of Theses**

<b>NO.</b>	<b>Supervision</b>	<b>Number</b>
	Higher diploma	Non
	Masters	٢
	Ph.D	Non

### **Academic Conference, seminars and workshops attended**

<b>NO.</b>	<b>Title</b>	<b>Kind of participation</b>	<b>place</b>	<b>Date</b>
١	The 4th International Conference on Steel & Composite Structures,	٢٠١٠	Sydney- Australia., 2	Research paper
٢	of the 8th International Symposium on Impact Engineering (ISIE-2013)	٢٠١٣	. Osaka, Japan	Research paper
٣	The 3rd International Conference of Buildings, Construction and Environmental Engineering (BCEE3.	٢٠١٧	Sharm El-Sheikh/ Egypt, 23-2	Research paper

### **Permanent and temporary committees**

<b>NO.</b>	<b>Committee</b>	<b>Permanent or temporary</b>	<b>Date</b>
١	Member of several committees to discuss graduation projects for students of the fourth stage		
٢	Head of the Examination Committee in the Department of Civil Engineering		
٣	Member of the Civil Department board and Scientific Committee at Faculty of Engineering		
٤	Editor-in-Chief of Qadisiyah Journal of Engineering Sciences		
٥	Head of the Bid Opening Committee at Qadisiyah University in 2014 and Head of the Tenders Analysis Committee in 2016		
٦	Head and member of several technical and administrative committees at the University of Qadisiyah		
٧	Head and member of several inquiry and investigative committees and technical and administrative committees in the department and faculty		
٨	Participating lecturers in many workshops and seminars in the college and the university		
٩	Member of several committees to discuss the doctorate and		
١٠	Reviewer of doctorate and master's thesis at the University		
١١	Reviewer for several international journals with the		

### **Other Scientific activities**

<b>NO.</b>	<b>Kind of activity</b>
٢٥	Evaluating Scientific Research
Non	Scientific Initiatives

۲	Evaluate Theses
Non	Patent
Non	Contracting with State Institutions

**Course Taught**

<b>NO.</b>	<b>Undergraduate</b>	<b>postgraduate (Master,PhD )</b>
۱	Computers	Stability / Postgraduate Studies
۲	Engineering Mechanics	Finite element / Postgraduate Studies
۳	Theory of Structures	
۴	Mathematics	
۵	Steel designs	
۶	Programming in Fortran	
۷	Drawing using AutoCAD	
۸	English	

**Voluntary initiatives and actions**

<b>NO.</b>	<b>Voluntary initiatives and actions</b>	<b>Date</b>

### **Awards, Certificates and Letters of appreciation**

<b>NO.</b>	<b>Awards, Certificates and Letters of appreciation</b>	<b>Institution Awarded</b>	<b>Date obtained</b>
١	Acknowledgments	University of Qadisiyah / Department of Law and	2005
٢	Acknowledgments	University of Qadisiyah / Department of Law and	2006
٣	Acknowledgments	University of Qadisiyah / Department of Law and	2006
٤	Acknowledgments	President of the University	2007
٥	Acknowledgments	Ministry of Higher Education	٢٠١٣
٦	Acknowledgments	Headquarter of the University of	٢٠١٣
٧	Acknowledgments	Headquarter of the University of	٢٠١٥
٨	Acknowledgments	Headquarter of the University of	٢٠١٥
٩	Acknowledgments	Headquarter of the University of	٢٠١٥
١٠	Acknowledgments	Headquarter of the University of	٢٠١٥
١١	Acknowledgments	President of the University	٢٠١٤
١٢	Acknowledgments	President of the University	٢٠١٦
١٣	Acknowledgments	President of the University	٢٠١٩
١٤	Acknowledgments	Headquarter of the University of	٢٠١٦
١٥	Acknowledgments	Headquarter of the University of	٢٠١٦
١٦	Acknowledgments	Headquarter of the University of	٢٠١٦
١٧	Acknowledgments	Headquarter of the University of	٢٠١٨
١٨	Acknowledgments	Headquarter of the University of	٢٠١٨
١٩	Acknowledgments	Headquarter of the University of	٢٠١٩
٢٠	Acknowledgments	Headquarter of the University of	٢٠١٩
٢١	Acknowledgments	Headquarter of the University of	٢٠١٩
٢٢	Acknowledgments	College of Engineering / Office	٢٠١٩-٢٠٠٦

### **Languages skills**

<b>NO.</b>	<b>Language</b>	<b>Level ( Beginner,Intermediate,Advance )</b>



	Arabic	<b>Advance</b>
	English	<b>Advance</b>
	other	