Curriculum Vitae of a faculty member

1. Personal information

Name	Dr. Dhuha Abdulgani Abdulaziz Al-kazzaz
Academic Degree	PhD
Job Title	Assistant Professor
General Major	Architectural Engineering
Mobil No.	00964 7701844334
Email address	dhuha.kazzaz@uomosul.edu.iq
Website	https://scholar.google.com/citations?user=mt7zMZoAAAAJ&hl=en https://www.researchgate.net/profile/Dhuha_Al-Kazzaz

2. Qualifications

Degree	Date of Graduation	Name of university	Country	Major
Doctorate	1/11/2011	Strathclyde	UK	Design Process
Master	7/4/1999	University of Technology	Iraq	Architecture
Bachelor	23/6/1990	University of Mosul	Iraq	Architecture

3. Experiences

Employment	Job Title	Period
University of Mosul	Engineer	1993 - 1999
University of Mosul	Assistant Lecturer	1999 - 2007
University of Mosul	Lecturer	2007 - 2014
University of Mosul	Assistant Professor	2014 – till now

4. Researches & Scientific activities

1	Ibrahim, Mwafaq Y. & Al-kazzaz, Dhuha A. (2020) Techniques of Utilizing Information in BIM System - A comparative Study of International Standards for the UK, USA, Australia and Singapore, *Journal of University of Babylon for Engineering Sciences,* 28, (2).
2	Khalil, Aseel I. & Al-kazzaz, Dhuha A. (2020) Digital Algorithmic Generation of Case-based Design - Floor Plans of Primary School as a Case Study, *Journal of University of Babylon for Engineering Sciences,* 28, (1).
3	Khalil, Aseel I. & Al-kazzaz, Dhuha A. (2020) Comparing the Rules in Digital Algorithmic Generation Methods for Architectural Designs, *Al-Rafidain Engineering Journal (AREJ)*, Volume 25, Issue 1, Pages 101-120 DOI: 10.33899/rengj.2020.126470.1007
4	Al-Kazzaz, Dhuha A. (2019) Form-finding in Digital Architecture – A Case Study of Tower Designs. *ZANCO Journal of Pure and Applied Sciences,* 31, (s3) p.121-130.
5	Al-kazzaz, Dhuha A. & Aswad, Ayad W. J. (2018) The Effect of Simultaneous and Sequential Performance Evaluations on Restricting the Formal Diversity of Design Solutions, *IRAQI Journal of Architecture and Planning*, 14, (20), p.182-197.
6	Alafandy, Aynoor F. & Al-kazzaz, Dhuha A. (2018) Specifications for Building a Parametric Model in Digital Architectural Designs, *Journal of University of Babylon for Engineering Sciences,* 26, (9), p.179-219.
7	Al-kazzaz, Dhuha A. (2014, 20-21 April). Using BIM System for Sustainable Architecture Design. Paper presented at the First International Scientific Conference of Cihan University, Erbil, Iraq.
8	Al-Kazzaz, Dhuha A. & Altuhafi, Assda A. (2014, 31 March – 3 April). Using genetic algorithms for the generation of new designs derived from Islamic schools plans. Paper presented at the Digital Crafting: Virtualizing Architecture and Delivering Real Built Environment, Proceedings of the 7th International Conference of Arab Society for Computer-Aided Architectural Design (ASCAAD), Department of Architecture, Effat University, Jeddah, Kingdom of Saudi Arabia.
9	Al-kazzaz, Dhuha A. (2014) Freehand Drawings versus CAD Drawings in the Conceptual Architectural Design Phase. Al-Rafidain Engineering Journal (AREJ), Vol. 22, No.1, p.56-79. Available online at: http://www.iasj.net/iasj?func=fulltext&aId=87025 http://engineering.uomosul.edu.iq/files/news/news_1839653.pdf
10	Al-kazzaz, Dhuha A. (2013, 19-21 November). Collaborative Design in Computing Systems - Its specificity in Building Information Modeling (BIM). Proceedings of the Second Engineering Conference of the College of Engineering Golden Jubilee, University of Mosul, Mosul, Iraq.
11	Al-kazzaz, Dhuha A. (2013) A Framework for Exploration in Design Computing. Al-Rafidain Engineering Journal (AREJ), Vol. 21, No.5, p.74-97. Available online at: http://www.iasj.net/iasj?func=fulltext&aId=79421
12	Al-Kazzaz, D., & Bridges, A. (2012) A framework for adaptation in shape grammars. *Design Studies,* 33, p.342-356.

13	Al-kazzaz, D. (2011) *Shape Grammars for Hybrid Component-based Design*, PhD thesis, Department of Architecture, University of Strathclyde, Glasgow, UK.
14	Al-kazzaz, D., & Bridges, A. (2011, 27-29 April). Assessing innovation in hybrid designs using shape grammars. Paper presented at the Circuit Bending, Breaking and Mending, Proceedings of the 16th International Conference on Computer Aided Architectural Design Research in Asia (CAADRIA), The University of Newcastle, Australia.
15	Al-kazzaz, D., Bridges, A., & Chase, S. (2010, 15-18 September). Shape grammars for innovative hybrid typological design. Paper presented at the Future Cities, Proceedings of the 28th Conference on Education in Computer Aided Architectural Design in Europe (eCAADe), ETH Zurich, Switzerland.
16	Al-kazzaz, Dhuha A. (2008) Freehand Drawing Techniques, Its Role in Architectural Design. Al-Rafidain Engineering Journal (AREJ), Vol. 16, No.3, p.1-13.
17	Al-kazzaz, Dhuha A. (2007) Teaching Architectural History - Aims and Tools. Al-Rafidain Engineering Journal (AREJ), Vol. 15, No.4.
18	Al-kazzaz, Dhuha A. & Albustani, Maha (2007) Historical Evolution of Typology in Architecture. Al-Rafidain Engineering Journal (AREJ), Vol. 15, No.2.
19	Al-kazzaz, Dhuha A. & Thanoon, Rabee (2006) Constant and Variable in Formal Characteristics of Old Mosul City Mosques. Al-Rafidain Engineering Journal (AREJ), Vol. 14, No.3.
20	Al-kazzaz, Dhuha A. (2005) Activating the Role of Typology in Architectural Design Education. The Iraqi Journal of Architecture, March.

5. Scientific Conferences

	Conference Name	Date
1	(SU-ICEIT2019) Salahaddin University- Erbil	14 –16/4/2019
2	First International Scientific Conference of Cihan University, Erbil	20-21/4/2014
3	7th International Conference of Arab Society for Computer-Aided Architectural Design (ASCAAD)	31 March – 3 April 2014
4	Second Engineering Conference of the College of Engineering Golden Jubilee, University of Mosul, Mosul,	19-21/11/2013
5	The 28th Conference on Education in Computer Aided Architectural Design in Europe (eCAADe), ETH Zurich, Switzerland.	15-18/9/2010
6	The 16th International Conference on Computer Aided Architectural Design Research in Asia (CAADRIA), The University of Newcastle, Australia.	27-29/4/2011

6. Training Courses for Faculty Members

	Training program name	Date
1	Teaching skills	2000
2	Teaching skills	2004
3	Teaching skills	2006
4	Computer skills	2006

7. Master's and Doctoral theses which she supervised

	Researcher name	Thesis title	Reg. date
1	Ayad Walid	Procedures of Computer-based Performative Design in Generating Architectural Form	11/2013
2	Aynoor Fariq	Parametric Modelling in Digital Architectural Design	12/2016
3	Aseel Ibrahim	Algorithmic Design in Digital Architecture	4/2018
4	Duaa Musaab	Parametric Typology in Digital Architectural Design	10/2019
5	Muwafaq Yousif	Particularity of Applying BIM in Local Reality	10/2019
6	Alaa Hani Mahmood	Optimization Methods in Computer Aided Architectural Design	10/2020

8. Examiner of the Following Thesis

	Researcher name	Thesis title	date
1	Rana Mahfoth	Using Shape Grammars in Digital Generation of Mosques' plans	2013
2	Firas Hamdy Saffar	Possibilities of areal modification in existing public buildings within re-use perspective.	2014
3	Mafaz Tariq	Imitation of Nature in Architecture	2017
4	Noor Yassar	Evaluation of wayfinding in Shopping Centers	2017

5	Eman Khalid Al-Mola	Surprise in Architecture	2018
6	Zubaida Nathim	Fluid Architecture	2019
7	Suraa Adel	The image of Islamic Architecture in terms of Historical Drawings	2019
8	Rawaz Najmaddin Abdullah	Holistic Impact of Interior Design on Active Learning Environment: Case Study Primary Schools in Erbil City	2020