

# AZZA GAMAL HAGGAG



Al-Rehab, Cairo, Egypt

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## PERSONAL DATA

**Gender:** Female

**Nationality:** Egyptian.

**Marital Status:** Married.

**Religion:** Muslim

**Birth Date:** 1/9/1979 .

**Birth Location:** Cairo.

**Address:** First settlement, Al-Rehab 2,  
Group114, Building 15 Apartment 2.

## SKILLS

- Excellent communication & management skills
- Remarkable Leadership spirit
- Well-organized, disciplined and goal oriented.
- Welcome the challenge of solving problems.
- Perfect performance inside a team with great team spirit.

## COMPUTER SKILLS

- Professional in CAD application and Photoshop program.
- Expert in all Microsoft Office Applications.

## LANGUAGES

Arabic – native language

English / Very Good

## EDUCATION

**Associate Professor:** Supreme Council of Universities, Cairo, Egypt, January 2024.

**Specialization:** Environmental Design and Planning

**PHD:** "A Methodology to Activate The Role of Architectural Design in Quality Risk Management of Pharmaceutical Plants- An Approach to Achieve Architectural Design Qualification in Production Areas"

**Cairo University**, Faculty of Engineering, Giza, Egypt. July-2013

**MSC:** "The Influence of Contamination Control on The Design of "Cleanrooms""

**Ain Shams University**, Faculty of Engineering, Architecture Department. June -2007

**BSC :** Architectural Engineering.

**Ain Shams University**, Faculty of Engineering, Architecture Department , Design Section 2000-2001, Final Grade : V.Good with a degree of Honors ( Order no.8th) 4th Year Grade : V.Good (Order no. 7th) - **Project Grade** : V.Good

## PROFESSIONAL EXPERIENCES

- Experience in High Standard Architectural Finishing & Steel Structure Gained from Training in The ARAB CONTRACTORS Osman Ahmed Osman & Co. Includes: Steel Meshes, Plaster Working for Interior and Exterior Finishing ,Gypsum Boards for False Ceiling, Air Conditioning Assembly for Medium Package Units (Ducts, Diffusers, Grills , Air Handling Units , Control Sensors ) at construction of an aircraft project – Hanger project . In

## RESEARCH INTERESTS:

- Environmental Design.
- Planning and Management
- Emergency Architecture
- Building information modeling.
- Sustainable Sanitation.

## PREFERRED TEACHING COURSES

Building construction  
Executive designs  
Architectural design and graduation project.

## GENERAL INTERESTS

Swimming, Reading

addition to Parquet, Marble and Stone Flooring ,Interior and Exterior Decorative Corniche , Columns.

- Working as an Architectural Intern for Aga Khan Cultural Services – Egypt (AKCS-E) for the period between the beginning of July 2001 to mid of September 2002.

## EMPLOYMENT

- Part time Lecturer at **the (AAST) Arab Academy for Science , Technology and Maritime Transport** – College of Engineering and Technology – Department of Architectural Engineering and Environmental Design – Cairo Campus- for the academic terms from **Fall 2014-to Fall 2019 and Finally Fall 2023**. And a Teacher Assistance from September/2002 until Fall 2014.
- Part time Lecturer at **The Higher Institute for Engineering and Technology**, fifth settlement , - for the academic terms Fall & Spring 2019-2020.
- Architectural designer, Center for Planning and Architectural Studies –CPAS-“Dr. Abdulbaki Ibrahim & Partners” ,September/2001 to October/2002.
- AutoCAD courses teacher, at Center for Planning and Architectural Studies , 2002-2003

## CURRENT INSTITUTION:

Modern Academy for Engineering & Technology, Department of Architecture and Building Technology.

## PRESENT ACADEMIC TITLE:

- Associate Professor of Architectural Engineering, Department of Architecture, from January 2024.
- Vice Chairman of the Department of Architecture, Modern Academy for Engineering & Technology and Member of the Architecture department board.
- Head of control, second level , Architecture Dep.
- Member of the Department's Graduate Studies and Research Board.
- Member of the editorial board team of the Academy's scientific journal entitled " The International Journal of Engineering and Modern Science".

<https://modernacademy-journal.synceg.net/index.php/journal/index>

## PUBLICATIONS

1	<b>Azza Gamal Haggag</b> . (December 2018). <b>Kinetic Architecture &amp; Renewable Energy</b> . <i>The Academic Research Community Publication (IEREK)</i> , Vol. 2(3),pp. 75-84. DOI: 10.21625/archive.v2i3.347
2	<b>Azza G. Haggag</b> , Amira Alsady. (2019). <b>The Absent Opportunities in Using Reinforced Concrete with Glass Fibre as an Environmentally Friendly Structural Material</b> . <i>Conference Proceeding, AR-UP2019 - "Architecture and Urbanism: A Smart Outlook" from the 14th till the 16th of October 2019</i> . 112- 121. Faculty of Engineering, Ain Shams University. ISBN for the publication: 978-977-237-415-1
3	<b>Azza G. Haggag</b> , Alsady, Amira (March 2019). <b>Requirements for Using of Alternative Energy Technology</b> . <i>Conference Proceeding : Architecture, Engineering and Technologies (AET)3rd edition</i> Cairo,Egypt, 30, Mar / 31, Mar 2019.
4	Ahmed M. Selim, <b>Azza G. Haggag</b> . (March 2021). <b>Architecture and structure considerations for the high-risk buildings: Smart architectural model for safe security surveillance point in Sinai</b> . <i>Engineering Science and Military Technologies – EJMTC</i> , Vol.5(1), pp.178-191. DOI: 10.21608/JMTC.2021.80774.1188
5	<b>Azza G. Haggag</b> , Shaimaa H. Zaki and Ahmed M. Selim. (September 2022). <b>Emergency camps design using analytical hierarchy process (AHP) to promote the response plan for the natural disasters</b> . <i>Architectural Engineering and Design Management</i> . Vol.19(3), pp.305-322. DOI:10.1080/17452007.2022.2125359
6	<b>Azza G. Haggag</b> . (March 2023). <b>The Effect of Using Nanotechnology in Construction Processes Applied by BIM</b> . <i>Journal of Engineering Research (ERJ)Tanta University, Faculty of Engineering</i> , Vol. 7(1),pp. 81-93. DOI: 10.21608/ERJENG.2023.185411.1140
7	<b>Azza G. Haggag</b> , Asamer Zakaria. (May2023). <b>Principles for achieving Zero-Carbon buildings -implementation obstacles and proposed solutions</b> . <i>Journal of Architecture, Arts and Humanistic Sciences</i> . vol. 8(39), 117-134.DOI: 10.21608/MJAF.2021.80845.2373
8	<b>Azza G. Haggag</b> , Shaimaa H. Zaki. (June2023). <b>The integration of the stakeholders in the process of applying Natural-Based Solutions in wastewater treatment projects in Egypt’s small-scale communities</b> . <i>Port Said Engineering Research Journal- Faculty of Engineering , Port Said University</i> , Vol.27 (2), pp. 1-22 .DOI:10.21608/PSERJ.2023.204784.1229
9	Ahmed M. Selim, Naglaa K. Bahgaat , <b>Azza G. Haggag</b> . (September 2023). <b>Electrification of Egyptian army camps in remote areas using Renewable energies: An Application of HOMER in New Valley</b> . <i>Engineering Science and Military Technologies – EJMTC</i> , Vol.7(2), pp.98-112. DOI: 10.21608/EJMTC.2023.154846.1226
10	Shaimaa H. Zaki , <b>Azza G. Haggag</b> . (01 October 2023). <b>The Role of Value Engineering Job Plan in Prioritizing Finishing Flooring Selection Criteria</b> . <i>Journal of Engineering Sciences (JES) - Faculty of Engineering , Assiut University</i> , Vol.51 (6), pp. 522-546 .DOI: 10.21608/JESAUN.2023.218613.1238
11	Shaimaa H. Zaki , <b>Azza G. Haggag</b> and Ahmed M. Selim. (October 2023). <b>Novel criteria for sustainable use of urban spaces under bridges in cities by applying DEMATEL technique</b> . <i>International Journal of Urban Sustainable Development</i> . Vol.15(1), pp. 299–320. DOI: 10.1080/19463138.2023.2267504