

# CURRIULUM VITAE



**Mohamed S. Meselhy**

*School of Architecture-Faculty of Engineering-Fayoum University Egypt*

2019

## PERSONAL DETA

### Mohamed Said Meselhy Elsaeed

Associate Professor

Architectural Design & Building Technology

School of Architecture -Faculty of Engineering- Fayoum University Egypt

Date, Place of Birth: Aug 16 ,1979 - Cairo, Egypt

Address: Plot 01, Block 03, Area 9, Nasr City, Cairo, Egypt

Nationality: Egyptian

Religion: Muslim

Marital Status: Married



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# BOGGRAPHY

**M**ohamed Meselhy is an Associate Professor Specialty Building Technology (Ph.D.in Project Management, M.SC. in Architectural Engineering, B.SC of Architectural Engineering) Established WAVE (Wing of Architecture and Value Engineering) , a fast growing architectural firm, located in Cairo, Egypt., which provided architectural services to varies number for buildings such as, Commercial, Residential, Institutional, Hospitality and Educational buildings.

On its early years of the Egyptian market, Meselhy earned the recognition as one of the most respected firms that offers a full range of Engineering services including Architecture, Interior Design, Landscaping ,Computer Generated Working Drawings, 3D Computer Generated Visual Presentations and On-Site Project Observation.

Meselhy insisted to make a significant contribution to the architectural field by adopting the -Value Engineering- ideas, Reducing the cost & Improving quality became WAVEs new approach.

Shortly, Meselhy cooperated with many consultants who are committed to sustainable principles and Green architecture concepts at every level of design.

Together, all the team of WAVE produce designs which are exquisite and unique to each client because they strongly believe that architecture is more than just a job.

We are driven to provide unique aesthetic values to each and every project creating a style unlike any other while adding an element of substance and meaning. We do more than provide great design, we go one better by creating the ability to evoke emotion by the visitor beckoning them to return again and again.

Mohamed Meselhy, WAVE specializes in designing a variety of destinations, including retail and mixed-use developments, restaurants, hotels and resorts, and corporate office environments. Our projects have involved uncommon strategies and innovative designs to meet our client's goals.

## **ACADEMIC QUALIFICATION**

*(Qualification),(Date, (Institution)*

Associated Professor (2018) (Cairo), Supreme Council of Universities-Permanent Scientific Committee for Architecture and Urban Planning 2017- 2019.

PhD (2012) (Cairo), Cairo University Faculty of Engineering Architecture Department.

MSC (2008) (Cairo), Ain Shames University Faculty of Engineering Architecture Dept.

BSC (2002) (Cairo), Ain Shames University Faculty of Engineering Architecture Dept.

DIPLOMA,(2009) Project Management (Cairo) the American University in Cairo (AUC)

## **PROFESSIONAL**

*(Organization), (Role), (Year), (Level)*

WAVE. Wing of Architecture and Value Engineering- Cairo Regional Office, Chief executive officer, 01-aug-07 up till now, (National)

Egypt Air In-Flight Services for Egypt Air Holding Company, Architect Consultant, 2010-2013, (International)

Connect Consultant Proff.Dr.Maysa Mahmoud, Value Engineering Expert (Leader), 2012, (National)

Elbeaa Architects Consultants Office, Architect, 2006-2008, (International)

## **Experience Academic**

*(Organization), (Role), (Year), (Level)*

Faculty of Engineering- Fayoum University-Architectural Dept., 09 Oct 13 up till now, (National)

Faculty of Engineering Cairo University- Credit hours system (AET) - Architectural Engineering and Technology Dept. - Internationally Recognized by UNESCO-UIA,Sept 2009 up till now, (National)

Arab Academy for Science, Technology and Maritime Transport College Of Engineering and Technology- Faculty of Engineering- Architectural Dept., Sept 2009 up till 2015, (International)

The American University in Cairo - AUC- Engineering Services Dept., 2010, (International)

## **Positions and Activities at the Faculty and University**

*(Position, Institution, Date)*

Associate Professor Building Technology and Architectural Engineering, Department of Architecture, Faculty of Engineering Fayoum University, 2013 till now

Board Member, Research and Consultation Center, Faculty of Engineering Fayoum University, October 2018- Feb 2019.

Board Member, Department of Architectural Engineering Council , Faculty of Engineering Fayoum University, October 2013 – till now.

Teaching Graduate and Postgraduate courses, Department of Architectural Engineering, Faculty of Engineering Fayoum University, October 2013 – till now.

Board Member, Graduate Studies Examination Section Control, Civil Department Faculty of Engineering Fayoum University, 2013-2015.

Board Member, Graduate Studies Examination Section Control, Architectural Department Faculty of Engineering Fayoum University, 2015-2018.

Board Member, Laboratory Committee, Faculty of Engineering Fayoum University, 2014.

Board Member, Library Committee, Faculty of Engineering Fayoum University, 2015.

Board Member, Community Service and Environmental Development Committee, Faculty of Engineering Fayoum University, 2016.

Board Member, Building Technology Examiner Committee, Architectural Department Faculty of Engineering Fayoum University, 2014.

Board Member, Building Technology Examiner Committee, Architectural Department Faculty of Engineering Fayoum University, 2015.

Board Member, Building Technology Examiner Committee, Architectural Department Faculty of Engineering Fayoum University, 2016.

Board Member, Building Technology Examiner Committee, Architectural Department Faculty of Engineering Fayoum University, 2017.

Board Member, Building Technology Examiner Committee, Architectural Department Faculty of Engineering Fayoum University, 2018.

Board Member, Building Technology Examiner Committee, Architectural Department Faculty of Engineering Fayoum University, 2018.

## **AREAS OF EXPERTISE**

*(Area)*

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Architectural Design

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Building Science

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Building System Design

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Value Engineering & Project Management

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## **PUBLICATIONS SELECTED RECENT**

*(Title), (Publication), (Year), (Volume), (Issue)*

### **Article in Academic Journals**

**IMPROVE THE QUALITY OF PROJECTS VIA SIX SIGMA INDECATOR AS A TOOL IN PROACTIVE MANAGEMENT,**

Engineering Research Journal, Faculty of Engineering Helwan University, March 2018, Vol. 157.

**PERFORMANCE IMPROVEMENT FOR PUBLIC CONSTRUCTION PROJECTS USING RISK ANALYSIS,**

Journal of Engineering and Science (JES) Faculty of Engineering Assuit University, November – 2017, Vol. 6, Issue 45

**Cost Model for Using Glass Fiber Reinforced Gypsum System (GFRG)**

International Journal of Development and Economic Sustainability (IJDES), European Center for Research, Training and development, UK, June 2016, Vol. 4, Issue 3.

**Development for Sustainable Construction System Glass Fiber Reinforced Gypsum (GFRG) in Egypt Using Nanotechnology**

American Journal of Environmental Protection (AJEP), USA, Science Publication Group, August 2016, Volume 5, Issue 4.

**The Impact of Financing and Investment Cost on BOT projects in Egypt,**

International Journal of Engineering Research and Technology (IJERT) Engineering and Science Research Support Academy, November 2015- Vol. 4, Issue 11.

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## **PUBLICATIONS SELECTED RECENT**

*(Title), (Publication), (Year)*

### **Scientific Conferences:**

The Influence of Nanotechnology synthesis in raising public buildings efficiency,  
10 th International conference on NANO in construction (NTC 2018), Housing & Building National Research Center and was published in the Conference proceedings book), 2018.

The development of program modules as a approach to control the effectiveness of projects during the stage of architectural programming  
Second International Scientific Faculty of Engineering Fayoum University, 2018

Enhancing the Interior Finishing Materials Using Value Methodology. Case Study for Egypt Air café at Cairo International Airport  
2017 SAVE International, Value Summit Conference, Philadelphia, PA USA, August 2017

Monitoring Real estate bubble in Egypt, New Cairo as a case Study  
7th International Conference Building Innovatively Interactive Cities, Faculty of Engineering Cairo University Architecture Department, Conference, March 2017

Community-based Urban Risk Assessment Using Mobile GI Tools  
Congress Proceedings 13th International Congress of Asian Planning Schools Association APSA 2015 Department of Urban and Regional Planning, Faculty of Built Environment University Technology Malaysia, August 2015

Development for Sustainable Construction System (Rapid Walls) in Egypt Using Nanotechnology  
World Sustainable Building 2014 Barceló Congress, October, 2014 Barcelona, Spain.

Application Effectiveness of value engineering for the Social Housing Project  
Al-Azhar Engineering Twelfth International Conference, Feb, 2012, Cairo, Egypt

Futuristic View For Build Operate Transfer (Bot) Projects In Egypt  
Second International Conference on Construction In Developing Countries (ICCIDC-II) “Advancing and Integrating Construction Education, Research & Practice”, August 2010 Cairo, Egypt

The Function of Water element Between Theory & Applications  
The Fifth International Architectural Conference, Towards a new Architectural vision, Faculty of Engineering, Cairo University, Cairo, Egypt Department of Architecture, Dec, 2009, Cairo, Egypt

## **BOOKS**

*(Title), (Editors), (Chapter title), (Publisher), (Date).*

New Cities and Community Extension in Egypt and the Middle East, Sahar Attia- Zeinab Shafik-A.Abdel Aty, Chapter 06, Monitoring real estate bubble in Egypt new Cairo case study, Springer SBM, 2018.

## **Architectural Competitions**

*(Award), (Organization), (Title ), (Date)*

Award , Administrative Capital for Urban Development, squares d furnitures elements design in new capital city competition, Dec. 2018.

## **Workshops**

*(Title ), (Organization), (Date)*

Value Architecture design for office space, Dubai municipality- The United Arab Emirates, UAE 2014

Strategic planning for the Value maintenance of hospitals, Ministry of Health - Kingdom of Saudi Arabia, KSA 2013

## **Consultation Project/Consultancy**

*(Project title), (Role), (From)-(Until), (Organization).*

King Abdul-Aziz International Airport-Jeddah –Saudi Arabia –KSA (KAIA), Work shop drawing for Series (Builder`s Work -Wall Finishes -Wet Areas of the Passenger Terminal Building – PTB- All the zones At all levels  
Blue up All Passenger Terminal Building Zones & Levels-Service Buildings-Bridges & Nodes-The Main Control Tower- G100- (Flooring-Ceiling- Builder –wall finishes),2014-2016, AREEN design 23 Eyot Gardens, London, United Kingdom W6 9TR ,(International)

Cairo International Airport- Terminal 1 Hall Lounge-Seasonal Hall Lounge, fully Interior design, 2013-2014, Egypt Air In-Flight Services for Egypt Air Holding Company, (International)

Assiut International Airport- Transit Restaurant-Arrival Hall Lounge-Travel Lounge outside the customs offices-International Travel Hall Cafeteria-Internal travel lounge-VIP travel Lounge, fully Interior design, 2010-2013, Egypt Air In-Flight Services for Egypt Air Holding Company ,(International)



## **Training Courses**

*(Title of course), (Organization), (Date)*

Value Architecture for Engineering Projects, AUC, the American University in Cairo, Engineering Services, 2016

Risk Analysis Methodology, AUC, the American University in Cairo Engineering Services, 2015

Financial control and cash flow, AUC, the American University in Cairo Engineering Services, 2015

Timber Construction, GUC, German University in Cairo 2014

Value Analysis and Function Analysis, GUC, German University in Cairo 2014

Finishing Materials as an Architecture Aspects, Zagazig University, Faculty of Engineering, 2012

Steel Construction, Modern Academy in Cairo, 2010

## **Teaching**

*(Course Title), (Organization), (Academic Session).*

Architectural Design, – Fayoum University Faculty of Engineering, 2013 up till now

Building Technology I, Cairo University Faculty of Engineering, 2009 up till now

Building Technology II – Cairo University Faculty of Engineering, 2009 up till now

Building Construction II, Arab Academy for Science, Technology and Maritime Transport College Of Engineering And Technology- Faculty of Engineering, 2012

Architectural Design 03, – Arab Academy for Science, Technology and Maritime Transport College of Engineering And Technology- Faculty of Engineering, 2016

Building Materials – Fayoum University Faculty of Engineering, 2015-2018

Construction and building systems – Fayoum University Faculty of Engineering, 2013-2018

Building Construction and Executive principles – Fayoum University Faculty of Engineering, 2013-2014

The Computer Applications – Fayoum University Faculty of Engineering, 2013 up till now

Execution Design— Fayoum University Faculty of Engineering, 2016 -2017

Quantities and Specifications — Fayoum University Faculty of Engineering, 2013

The Economics of Construction, Evaluation And Analysis Projects— Fayoum University Faculty of Engineering, 2013

Value Analysis for Engineering projects — Fayoum University Faculty of Engineering, 2016 up till now