

## Professor Mohamed Mahmoud EWEDA

### PERSONAL INFORMATION

<b>Name</b>	<b>Mohamed Mahmoud Eweda</b>
<b>Nationality</b>	<b>Egyptian</b>
<b>Date &amp; Place of Birth</b>	<b>14<sup>th</sup> of July, 1946</b> <b>Al-Mansoura – Dakahliya Governorate Egypt</b>
<b>Address</b>	<b>126 Royal Hills Compound</b>
<b>Languages</b>	<b>Mother Language: Arabic</b> <b>Second Language: English, Excellent Degree of Perfection</b>

### ACADEMIC DEGREES

<b>Degree</b>	<b>Ph.D. – Doctor of Philosophy in Architecture</b>
<b>Date</b>	1979
<b>Source</b>	Faculty of Fine Arts and Science University of Pennsylvania – United States of America
<b>Title of Research</b>	Major Factors in determining Box Units

<b>Degree</b>	<b>MSc – Master of Science in Architecture</b>
<b>Date</b>	1974
<b>Source</b>	Faulty of Engineering – Cairo University – Egypt
<b>Title of Research</b>	Design Principals of Low-Cost Housing in Egypt

<b>Degree</b>	<b>Bachelor of Architectural Engineering</b>
<b>Date</b>	1969
<b>Source</b>	Department of Architecture Faulty of Engineering – Cairo University – Egypt General Grade: Very Good with Honor Degree

## SCIENTIFIC AND ADMINISTRATIVE POSITIONS

### **Professor Emeritus of Architecture and Building Technology**

Department of Architecture – Faculty of Engineering 2015- Present  
Cairo University – Giza - Egypt

### **Professor of Architecture**

Department of Architecture – Faculty of Architecture 2008 - 2015  
King Saud University - Riyadh - KSA

### **Professor of Architecture and Building Technology**

Department of Architecture – Faculty of Engineering 1990- 2007  
Cairo University – Giza - Egypt

### **Associate Professor of Architecture**

Department of Architecture – Faculty of Engineering 1985- 1989  
Cairo University – Giza - Egypt

### **Lecturer**

Department of Architecture – Faculty of Engineering 1980- 1985  
Cairo University – Giza - Egypt

### **Member of Cairo University mission at the United States of America to attend the Doctor of Philosophy in Architecture Program**

Department of Architecture – Faculty of Engineering 1976- 1979  
Cairo University – Giza - Egypt

### **Assistant Lecturer**

Department of Architecture – Faculty of Engineering 1974- 1976  
Cairo University – Giza - Egypt

### **Demonstrator**

Department of Architecture – Faculty of Engineering 1969- 1974  
Cairo University – Giza - Egypt

## SCIENTIFIC AND PROFESSIONAL MEMBERSHIP

- Chairman of the Forum of Culture and Science Association
- Member of Engineering Syndicate – Division of Architecture
- Member of the Supreme Engineers Association
- Member of the Culture Foundation
- Member of the Supreme Pioneers Association
- Member of the Supreme Council of Culture – Architecture Committee

## SCIENTIFIC AWARDS

- Candidacy of Architectural Engineering Department, Faculty of Engineering, Cairo University for the State incentive Prize in 2007
- The international Red Crescent Shield of Mrs. Suzanne Mubarak, Wife of the President, on the efforts to develop the distinctive Red Crescent Hospital
- Cairo University's Shield of the development of Facilities in Cairo University
- Excellence Award and Shield of the Engineers Association in Giza

## **RESEARCH GRANTS**

- A grant to Study for a doctorate degree in Architecture, University of Pennsylvania – The United States of America (1976-1979)

## **CERTIFICATES OF APPRECIATION – Selected**

- Certificate of Merit from Faculty of Engineering, Cairo University (2000)
- Certificate of Merit from Cairo University (1998)
- Certificate of Merit from Faculty of Medicine, Kasr El Aini, Cairo University (2000)
- Certificate of Merit from Federation of Egyptian Workers (2003)
- Certificate of Appreciation from Red Crescent Hospitals in Alexandria (2002)
- Shield and Certificate of Appreciation from Red Crescent Hospitals in Cairo – Suzanne Mubarak (2002)
- Certificate of Merit from the Engineers Association
- Certificate of Appreciation and the Shield from Faculty of Engineering, Cairo University (2006)

## **SCIENTIFIC VISITS - Selected**

- The Massachusetts Institute of Technology (MIT), Massachusetts, USA (1980)
- Harvard University, Cambridge, MA (1980)
- College of Architecture, Illinois Institute of Technology, IIT (1980)
- Aristotle University of Thessaloniki, Greece (1994)

## **PUBLIC LECTURES - Selected**

- Sustainability between the essentiality and practicality – National Research Centre (NRC) – 2019
- Technical reasons for the collapse of the World Trade towers in America, Faculty of Engineering, Cairo University – 2002
- Technical reasons for the collapse of the World Trade towers in America, Faculty of Engineering, Alexandria University – 2002
- Risk of Changing Building Use – The Housing and Building National Research Center (HBRC) – 1998
- Contemporary Global Construction Methods – Faculty of Engineering, Tanta University – 1998
- Modern Technology compared to Conventional Construction – Faculty of Engineering, Tanta University – 1997
- History and Development of Architectural Engineering Department in Egypt, Faculty of Engineering, Cairo University – 1986
- Technology in the service of Building and Construction – Engineers Syndicate in Cairo – 1986

- Trend Towards New Building Technology for the City of Port Said – Port Said Governorate – 1985
- Emergency Housing and Re-construction of Lebanon – University of Beirut – 1984
- Innovative Trends in the Buildings Industry - Faculty of Engineering, Cairo University – 1981

## TEACHING EXPERIENCES

• Faculty Member in the Department of Architecture -Faculty of Engineering Cairo University	2015-Pres.
• Faculty Member in the Department of Architecture -Faculty of Architecture, King Saud University - KSA	2008-2015
• Faculty Member in the Department of Architecture -Faculty of Engineering Cairo University	1969-2008
• Major supervisor of the Master and diploma of Construction Technology Graduate Studies Architectural Engineering, Faculty of Engineering, Cairo University	1985-Pres.
• Adjunct Professor at Leonardo Da Vinci Institute Cairo	1980-1981
• Adjunct Professor at Urban Planning Institute -Cairo University	1980-1981
• Loaned to Beirut Arab University - Department of Architecture	1981-1985
• Adjunct Professor at Military Technical College - Department of Architectural Engineering	1986-1993
• Adjunct Professor at Faculty of Engineering - Department of Building construction - Zagazig University	1988-1996
• Adjunct Professor at the Faculty of Engineering Alexandria University - Department of Architecture	1985-1986
• Adjunct Professor at the Faculty of Fine Arts, Alexandria University - Department of Architecture- Graduate Studies	1990-1998
• Adjunct Professor at the Higher Institute of Architecture – 6 <sup>th</sup> October	1998-Pres.
• Adjunct Professor at the Faculty of Engineering —Misr University of Science and Technology (MUST - Department of Architecture	1998-2008
• Adjunct Professor at the Faculty of Engineering — University of 6 <sup>th</sup> October — Department of Architecture	2006-2008
• Adjunct Professor at the Higher Institute of Aviation — Imbaba - Department of Architecture	2004-2008

## **PARTICIPATION IN THE DEVELOPMENT OF ACADEMIC PROGRAMS**

- Regulations and Courses' curriculums for the development of the Architectural Engineering Department- Alyamamah university- KSA
- Regulations and Courses' curriculums for the development of the Architectural Engineering Department- Faculty of Engineering- Cairo University.
- Regulations for the development of diploma programs in the building Technology program
- Regulations for the development of the Pre-study programs for Master of Building Technology.
- Regulations for the Higher Institute of Architecture 6th October.
- Regulations for the Architecture Department-Faculty of Engineering- University of Port Said.
- Regulations for the Architecture Department-Faculty of Engineering- University of Fayoum.

## **SUPERVISION OF THESES AND DISSERTATIONS**

- **Evaluation of These and Dissertations**  
More than 70 Master of Science theses and Ph.D. Dissertations
- **Supervision of Master Dissertations**  
More than 40 Master These supervision
- **Supervision of Doctoral Dissertations**  
More than 17 Doctoral Dissertation

## **PROFESSIONAL EXPERIENCE and PROJECTS**

### **Residential and Service Buildings**

- Residential and private villas in Cairo, Al Mansoura, Madinat Nasr, El Mokattam and Kafr El Sheikh.
- Touristic Hotel in Cairo (Avant - project)
- Touristic Hotel and Islamic Bank, Heliopolis
- Residential-administrative building, Heliopolis
- Khan El Khalili Project, an Avant-project, Cairo.
- Housing project in Pyramid Area. A collection of 70, High level housing units
- Housing project in the dormitory of Cairo University, 1000, Housing units
- Design the extension of the engineering Syndicate, Housing, in Madinet Nasr
- Residential villas at 6th October City.

## **Administrative Buildings**

- Principal building of administration and student services. The dormitory of Cairo University.
- Design the Office building of the Organization of Nourishment Goods in Damietta City.
- Developing and renewing the Office building of the Organization of Nourishment Goods in Port-Said City.
- Developing and renewing the Principal Office building of the Organization of Nourishment Goods, Kasr A1-Nil Street - Cairo.
- Conservation of the Garage Building of the Organization of Nourishment Goods in Shoubra Street Cairo.
- Zaharna Shopping Center in Wekalat El-BaIah Cairo, (Avant-projet)
- Internal Office Building in Abou Rawash , (Avant- projet)
- New Office building of Johnson Wax Cooperation in Cairo Anshas Road.
- Principal Office Building of AMAK Cooperation Bourse in A1-Mohandeseen district, Cairo.
- Renewal and conservation of the principal administrative Building and the central Dome of Cairo University.
- Renewal and conservation of the old building of Dar El-Kotob and the new building at The Cornish road, Cairo
- Lawyers Syndicate Club and the house-boat in Al- Agouza district, Cairo.
- Administrative building of the Metro at A1-Soudan Street. Cairo University.

## **Villas and Touristic Villages**

- Tourist Village in El-Arish City, Pre-fabricated units, Avant-project.
- Planning and designing a tourist village for engineering at the North Coast (an architectural competition, win a Prize).
- A project for a tourist village in Ras-Sedr City, Sinai.

## **Mosques and Islamic Centres**

- Islamic Center Project, Mosque, school, and hospital, Madinet Nasr, Cairo
- Mosque of Dormitory of Cairo University
- Mosque of Faculty of Engineering Cairo University
- Mosque of Commercial College Cairo University
- Mosque of one of the army unit in Ismailia City.

## **Theatres and Conference Halls**

- Conference Center Cairo University
- Theater of College of Faculty Kasr El-Ainy Cairo University.
- Labor Union Theater Elgalaa' street Cairo.

## **Institutional Buildings, Colleges, and Schools**

- Developing and renewal of the main restaurant and kitchen building of the Students dormitory buildings in Cairo University.
- The principal Building of the Mechanical Department, Faculty of Engineering Cairo University.
- Planning the extension of Cairo University in 45 Acres (Avant-Projet)
- A collection of 6 groups of four stories water closets Buildings in the dormitory of Cairo University.
- Construction and renewal of the play grounds and sport facilities of the dormitory of Cairo University.
- English Department of College of commerce Cairo University.
- Cafeteria and restaurant of the service building of the swimming pool at the dormitory of Cairo University.
- Graduate College of nursing school at the hospitals area of Cairo University
- Mobarak-Col building, in the nursing school at the Hospitals area of Cairo University.
- The new building of Dentist College in Kasr El-Ainy, Cairo University.
- Physics Department of Science college Cairo University.
- Swimming pool and Service building for student Faculty of Engineering, Cairo University.
- Building of laundry of the Dormitory Cairo University.
- Student Housing Dormitory Cairo University.
- Computer Science Institute in the 5th community New Cairo.
- Engineering and Architecture Institute, Gornata Society Heliopolis.

## **Hospitals and Health Centres**

- Suzan Mobarak Hospital in Giza, Red Crescent Society Hospital
- New Kena Hospital, Red Crescent Society
- Blood Bank of Red Crescent Society, the main branch Elgala-a street Cairo
- Blood Bank of Red Crescent Society, Alexandria branch
- Blood Bank of Red Crescent Society, Tanta branch
- Developing Children Hospital Abou-Rawash (the Japanese) and the Old one. Supervision Committee from Cairo University
- Developing the entrance and waiting zone of the building of the Emergency and Operations Kasr El-Ainy, Cairo University
- A1 Safwa Hospital , Dr. Kamal Shoeir ,6th October City

## **Banks and Financial Institutions**

- British-Egyptian Bank (Currently HSBC), Branch of El Obour Cairo
- British-Egyptian Bank (Currently HSBC), Branch of Roxy, Cairo

## **Factories and Exhibition Halls**

- Constructing Upper circulation for pedestrians, Factory of Misr Company for Fine yarn and textile in Kafr Dawar

- Exhibition Hall for Mechanical equipment Cairo international exhibition 1986.
- Exhibition Hall for the production of Mahmoud Said Company for Perfume, Cairo international exhibition 1986.
- The factory building of the Egyptian Company of carpet yarn NIAKA in Sadat City.
- Factory of International Company of Nutrition materials (Preserved meat factory) in 6th October
- The Factory of Electrical Panels of the Sugar Company in A1 Badrashein
- The Factory of Techno-consult Company, Tenth of Ramadan City (Avant - Projet).
- The Factory of Casanova for Perfumes in 6th October (Avant -Projet).
- The Factory of Electrical Panels of the Sugar Company in A1 Hawamdeya.

## CONFERENCES and SEMINARS - Selected

- All Conferences of the Department of Architectural Engineering Cairo University Conferences
- All the conferences of the Architectural Society of Engineers
- The Beirut Arab University (1985) emergency housing and the reconstruction of Lebanon emergency housing
- Scientific Conference of the city of Port Said - the building and developing the Egyptian village - in 1985
- Conference on Human Settlements - the United Nations, Amman. Jordan, in 1986
- Fourth International Conference on Science housing, India, India in 1987
- The Urban shelter for developing countries, London, 1988
- Inter build Conferences building and construction
- Scientific conferences rotating Architecture Department, Faculty of Engineering Assiut University
- Scientific conferences rotating Military Technical College
- Scientific Conference XVI (the need to protect the environment from the necessities of life) of Alexandria in 2006
- Scientific Conference for the development of sections of Architecture engineering colleges.

## PUBLICATIONS

### Published Books

1. Encyclopedia of Building technology.
  - i. Part I: The Economical Principals to reduce the cost of Building Design and Construction (Published 2018)
  - ii. Part II: Buildings Manufacturing in Factories – Prefabricated Modular Buildings (in Press – December 2019)
  - iii. Part III: Building Construction on Site – Mechanization of buildings (in Press –December 2019)
2. Modern Technology in Construction - A1-Nahda Publishing House (1984),
3. Evolution of Theory of Architecture in the 20<sup>th</sup> Century — A1-Nahda Publishing I louse (1984).
4. Parts of the building - Beirut Arab University (1982)



## **Selected Conference and Journal Papers**

1. Resettlement of Contemporary Building Technology - 2006
2. A System for assessing the Work of Construction Contractors and Construction - 2006
3. The Environmental Dimension in the Way of Valuing real estate - 2006
4. Egyptian Code of buildings - Chairman of the Committee (Principal Investigator) -2005
5. Arab Code of Buildings - Chairman of the Committee (Principal Investigator) (2004)
6. Change of use of buildings during and after implementation (experience change to the activities of commercial buildings within the city) - 1997
7. Building maintenance for the preservation of the national wealth -1993.
8. Building the Future - 1991
9. Moisture problems and importance of maintenance in the maintenance of buildings - 1990.
10. The basics of site management implementation -1989).
11. The design of the foundations of future housing accommodation in Egypt (solutions) – 1989.
12. Building technology between the monopoly of developed countries and the need of developing countries - 1989.
13. Economical studies of buildings -1989.
14. Modular Units sixties and ideas of the Dictionary of Architecture -1989
15. Fifty Years of Architecture Department -1989
16. Economical Design of residential buildings – 1988.
17. Already processing systems between theory and practice - 1988
18. New Building Technology Between Adaptation and Localization -1988.
19. Modern technology and Housing - 1988
20. Western Architectural thoughts in the twentieth century - 1988
21. Draft the development of prefabricated housing (Helwan plant) proposals and solutions -1988
22. Architecture and civilization Triangle -1988
23. Housing problem and Appropriate Construction Technology in Egypt - 1987
24. Draft the development of Prefabricated housing (Helwan plant) to examine the current situation - 1987
25. Building technology and adaptation of transport and resettlement - 1987
26. Architecture is a reflection of the spirit of the age -1986
27. Emergency housing and the reconstruction of Lebanon (Emergency Housing) – 1985.
28. Technology in the service of building and construction - 1985
29. The trend towards new technology to build the city of Port Said - 1985
30. Emergency shelter in Egypt - 1985
31. Building the future - 1985
32. The housing problem and the need for new technology direction - 1984
33. Prefabricated buildings and trends of modern architecture - 1983
34. A-Science and technology policies to improve the efficiency and productivity of the construction sector, housing - 1981
35. Finishing systems residential buildings in Egypt -1981
36. Trends in the manufacture of innovative buildings- 1980

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## **ACADEMIC AND SCIENTIFIC CONTRIBUTIONS**

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### **Supervision and Editor of Journals and Periodicals**

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- Beirut Arab University Journal number: One and Two.
- Magazine of Architecture – number 1. 2.3.4.5.
- Annual Magazine - Department of Architectural Engineering - Faculty of Engineering Cairo University – All periodicals
- Yearbook of the Faculty of Engineering - Issue I and II

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### **Scientific and Professional**

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- Served as a member of the Higher Scientific Committee for Promotion of professor and Associate Professor in the field of Architecture and Design. (the current session - the Supreme Council of Universities)
- Permanent Secretary or the Higher Scientific Committee for Promotion of Professors and Associate assistant professor (seventh session - the Supreme Council of Universities)
- Member of several Committees Judging Architectural Competitions.

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### **Committees' Codes**

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- Chairman of the Committee and a member of the Arab code of the buildings - 2003
- Chairman of the Committee and a member of the Egyptian Code of buildings - 2004
- Member of the Supreme Committee of Building specifications
- Coordinator of the Committee on Standards of finishes
- Member of the Committee on Code of contracts and domes
- Member of the Committee Specifications U.P.