

Curriculum Vitae



1. Personal Data:

- Name :Manal yehia Tawfik
- Position: Head of architectural department
- Department: Architectural department
- Contact:
 - Academic E-Mail : **M.yehia@sha.edu.eg**
 - Internal Tel.: 755
 - Room:

2. Specialization:

- General Specialization: Architecture
- Specific Field : **Urban Design**
Architectural design
History of architecture

3. Academic Qualifications:

- Academic Qualifications :
 - PhD, Faculty of Engineering, Cairo university , year 2004
Subject: An Approach for Developing the Architectural Education Curricula in The Light of the Requirements for the Architectural Work”.
 - M.SC , Faculty of Engineering, Cairo university , year
Subject: An Approach to Document and Analyze Upper Class Housing in New Compounds
 - B.SC, Faculty of Engineering, Helwan university , year

4. Years Of Service on Faculty :

20 years

5. Teaching Experience:

- **Architectural Design**
- **History of Architect**
- **Visual Design**
- **Building construction**
- **Urban design.**
- **Design Studio**

*5/ A. Employment History:

- **2018 until present Head of Architecture department at Higher Institute of Engineering.**
- **2016 -2017 Head of architecture department at Heliopoli university for sustainable development**
- **January 2005 until 2013: Associated Professor at the Department of Architecture, Shorouk Academy, High institute of Engineering.**
- **1991: Founder and General Director of the architecture design department at (Al-Tamer Company)**
- **2007- present Team leader at ECOPA**
- **2000 – 2004: Assistant Lecturer at the Department of Architecture, Shorouk Academy, High institute of Engineering**
- **December 1994-September 1995: Member of the Architectural Department of International Arabia Company.**
- **1992 - 2000: Member of the buildings' project management department at Cairo TV**

*5/ B. Subjects previously taught after getting the PhD degree:

- 1. Architectural design; for the first, second, third and fourth levels for the students.**
- 2. History of architecture; for the first, second, third and fourth year**
- 3. The Final Graduation design project.**
- 4. Working details; for the third and fourth year.**
- 5. Visual training for the first level.**
- 6. Building construction; for the first and second level**
- 7. Urban design; for the fourth level.**
- 8. Engineering drawing; for the preparatory level.**

* 5 /C. Institutional & Professional in last 5 Years:

Professional experience through (Al-Tamer Company):

- **5 Villas El- Tagamo El- Khames, Egypt.**
- **3 Villas El- Obour city**
- **4 Tribe Cairo , Egypt**
- **Study model for Culture Center for contingent At Sidi barany**
- **Study model for Mobark village for contingent At Sidi barany**
- **Study model for battlefield for contingent At Sidi Barany**

Professional experience through (Cairo TV):

- Preparing the design, working drawings, interior design and furniture design of a club at Mokatam, Cairo.
- Preparing the design and working drawings of a satellite ground station at Mokatam, Cairo.
- Conservation, interior design and furniture design of Abis TV Station in Alexandria.
- Conservation of Baqoos Radio Station in Alexandria
- Conservation of Cairo TV headquarters.
- Interior and furniture design of audience room at Cairo TV headquarters.

Professional experience through (International Arabia Company)

- December 1994-september 1995: Design Talaat Harb Mole - down town –Cairo, Egypt

6. Consulting Activities (Selected):

Consultant experience related to Urban Planning and Design through the Engineering Consultant Office for Planning and Architecture (ECOPA):

The full participation in the following projects during 2007-2008

- Detailed Plan for the new city of Toshka (client: Development Research and studies Organization, Ministry of Housing, Utilities and Urban Development)
- The strategic plan for Matay district, Menya Governorate, through the proceedings of the Municipal Initiative for Strategic Recovery (MISR program), client (UNDP/ Ministry of Local Development)
- The strategic plan for Maghaga district, Menya Governorate, through the proceedings of the Municipal Initiative for Strategic Recovery (MISR program), client (UNDP/ Ministry of Local Development)
- The strategic plan for “shem elbasal el bahareya” mother village at Matay district, Menya Governorate, through the proceedings of the Municipal Initiative for Strategic Recovery (MISR program), client (UNDP/ Ministry of Local Development)
- The strategic plan for “Baradnoha” mother village at Matay district, Menya Governorate, through the proceedings of the Municipal Initiative for Strategic Recovery (MISR program), client (UNDP/ Ministry of Local Development)
- The strategic plan for “Ibshadat” mother village at Malawey district, Menya Governorate, through the proceedings of the Municipal Initiative for Strategic Recovery (MISR program), client (UNDP/ Ministry of Local Development)

Professional experience through Shorouk City Authority:

- Land scape design for the middle island of the Suez-Ismailia Road from the entrance (1) to El-Shorouk City with a length of 3 KM,2020.
- Arboretum design in El Shorouk city,2020.
- Designing a commercial administrative building ,2021.

7. State in Which registered:

Cairo Governorate

8. Principal publications of last 5 years (Selected):

1. research: Sustainable Aspect for Safeguarding Protected Area Case Study : Siwa Oasis, Publication Wessex Institute of Technology, UK, December 2013
2. Research: Developing of Educational Sandwich Course of ID (Industrial Design) for AE(Architectural Engineering) students, International Journal ,March ,2014.
3. Research: Deriving standards for designing public Baths to be compatible with the Egyptian community, International Conference on IT, Architecture and Mechanical Engineering, Dubai (UAE), May 2015
4. research: The Concept of Sustainable Architecture and Urbanization in Dakhla and Kharga Oases in Egypt ,Publication Wessex Institute of Technology, UK ,Islamic Heritage Architecture 2016,May 17-19 Valencia ,Spine.
5. research The development of sustainable ecotourism in protected area, case study: Siwa Oasis, Publication Wessex Institute of Technology, UK, Sustainable Tourism, 2016,May 17-19 Valencia ,Spine.
6. Research EIA of sustainable evacuating Houses by using waste materials from surrounding Environment, International Journal of current engineering and technology.2016.
7. Research Observation and analysis of Cairo squares among different time periods·International Journal of current Engineering and Technology, Vol.7, No2 (April 2017)
- 8.16th research Evaluation of Cairo squares among different time periods, 6th International Conference on Green Building, Civil and Architecture Engineering (ICGCAE'17) · Paris (France) April ,2017
- 9.17th Using Urban Design Qualities for Building a New Composite Walkability Index for Cairo Streets ,10th International Urban Design Conference Gold Coast, Australia November ,2017.

9 Research Interests:

Sustainable design and urban design

10 Scientific and professional societies of which a member:

- Membership of Egyptian Architects Society.
- Membership of Egyptian Engineers Syndicate.
- Board Member of Al Tameer Engineering Construction
- Membership of Al- Sarab Cooperative Society for Reconstruction and Housing

11 Honors and awards:

- Supervising the fourth year students participating in the competition launched by the Oriental Weavers Group under the supervision of the Ministry of Housing, Utilities and Urban Development to plan and design a housing project for 2000 housing units on an area of 35 acre for employees, in which the students received the encouragement prize in 2006.

- Winning fifth place in the competition of urban design of Zagazig University

12 Professional Development Activities in last 5 Years:

Scientific Advisory committee for:

1. The sustainable city conference , Wessex Institute of Technology, UK, December 2013
2. The International Conference on IT, Architecture and Mechanical Engineering, Dubai (UAE), May 2015
3. The Islamic Heritage Architecture conference, Wessex Institute of Technology, UK , 2016, May 17-19 Valencia ,Spain.
4. Thought for Heritage Sustainability of Forming Urban Spaces (An analytic Study for Heritage square), Master Thesis, Marwa Adel Soliman Sehata, Mansoura university, 2016.
5. Acoustic Efficiency of Educational Buildings (Applied Study For Faculty of Engineering, Mansoura university, 2017.
6. Environmental Design of social Housing Building as an approach to solve the problem of Urbanization in the new cities, Master Thesis, Zainab Mohammed Arafa Goda, Mansoura university. 2018
7. Islamic Heritage 2020 conference, Wessex Institute of Technology, 9-11 June 2020.
8. Spatial analysis as an entry to evaluate urbanity rates in current and futuristic urban communities, Master Thesis (Assmaa Mohamed Ahmed Eldiasty, Mansoura university, 2020.
9. The impact of Neighborhood Gardens on Activities In Urban Spaces, Master Thesis, Ahmed Salah Abd ELfatah ,Banha university, 2020
10. Reviewer for the journal of public space for special issue, place making in Arab Cities, 2019
11. *Attend The Sustainable Tourism* conference, Wessex Institute of Technology, UK, 2016, May 17-19 Valencia ,Spain.
12. , *Attend the International Conference on Green Building, Civil and Architecture Engineering (ICGCAE'17)* (Paris (France) April ,2017

13 Other important data :

Training Courses:

- 1- Quality standards in the teaching process, 2015/2016.
- 2- E-Learning, 2015/2016.
- 3- External review of higher education institutions, 2017/2018.
- 4- Strategic Planning for Higher Education Institutions, 2017/2018
- 5- Preparing competitive projects to fund research, 2018/2019.
- 6- Electronic Assessment System, 2018/2019.
- 7- Self - evaluation of programs ,2019/2020