



Fatma Ahmed Elbony

Lecturer of Architecture and
Environmental Design

1- Personal & Academic data

Ph.D.: 2013, Faculty of Engineering,
Ain Shams University, Arch. Dept.

Martial statues : Married

Language : Arabic native and very
Good English

Email : fatma_bony@yahoo.com

Address: Nasr-City, Cairo, Egypt

phone : 01111877775

El-Gazeera High institute for
Engineering, Egypt

2- Academic credentials

September 2013: Ph. D. in Architecture – Ain Shams university, faculty of engineering

January 2004: M. Sc. In Architecture – Ain Shams university, faculty of engineering

June 1995: Bachelor of Architectural – Ain Shams university, faculty of engineering

3- Academically and professional steps

2018-now : lecturer at the architecture department- 15 May High institute for
Engineering, Egypt (part time)

2017- now : lecturer at the architecture department- El-Gazeera High institute for
Engineering, Egypt

2014- 2019 : lecturer at the architecture department- HTI Higher Technological Institute
10th Ramadan, Egypt (part time),

2014-2017 : lecturer and head of Architecture Department, El-Gazeera High institute
for Engineering

2013-2014 : lecturer and head of Architecture Department - Elsalam High Institute for
Engineering, Egypt

2012-2013 : Assistant lecturer at the architecture department- Elsalam High Institute for Engineering, Egypt

4- Thesis and publications:

- **Ph.D. of Architecture:** Ain Shams University, Egypt; **Building Management Systems as an Approach for Energy Conservation**, 2013

- **M.sc. in Architecture:** Ain Shams University, Egypt; **The Significance of the Cultural Role of Architect in the Society**, 2004

- Fatma Ahmed Elbony. **Nanotechnology for Energy Efficient Building Envelope**, With Reference to the Nano Aerogel Windows, Fayoum University Journal of Engineering FJE, 8-2020,

- Fatma Ahmed Elbony. **The Effect of Technological Development on Architecture, Nanotechnology and Architectural Design**, Fayoum University Journal of Engineering FJE, 2020.

-Fatma Ahmed Elbony, **Nanotechnology and Energy Efficiency in Buildings, Nano Based Insulation Materials**, IEREK, Urban Registration and Sustainability URS, London, UK, 2019.

- Fatma Ahmed Elbony. **Towards Environmentally Sustainable city in Egypt Challenges and Learned lessons**, journal of the Egyptian Society of Engineering, 2019.

- Fatma Ahmed Elbony, **Building management design as an approach for energy conservation**, Journal of Al-Azhar University Engineering Sector (JAUES), 2013.

5- Research Interests:

Environmental design, Nanotechnology in Architecture, Integrated building design, Energy efficient buildings, building energy management, Green and Sustainable architecture, Architectural education developing, Sustainable planning.

6- Academic activities

Teaching different architectural courses: (Architectural drawing, architectural design - energy in architecture- working drawings- building construction- Shadows and Perspective - History and Theories of Architecture - environmental design- landscape- Graduation project

7- Training

FUTURELEARN,

- HOW TO TEACH ONLINE: PROVIDING CONTINUITY FOR STUDENTS 8- 2020

UNSW Sydney (The University of New South Wales) and offered through Coursera

- Learning to Teach Online 25-5-2020

FLDC Faculty and Leadership Development Center, Cairo University

- Academic Standards & Educational Programs 29-30/10/2018
- Effective Teaching Skills 22-23/10/2018
- Learning and not Education 16-17/1/2017
- Quality Standards in Teaching 9-10/4/2016
- Academic Advising 15-16/9/2015

Dr. Ibrahim F. Karim, BioGeometry Consulting

- Introductory BioGeometry Foundation Training (Personal Development Curriculum) levels:
9/2/2017
1. Introduction to BioGeometry.
 2. Introduction to BioGeometry: Energy-Quality Balancing & Measurement.
 3. Introduction to BioGeometry: Bio Signatures & Design Principles.
 - BioGeometry Advanced Training (Personal Development Curriculum): 15/ 4/2017

8- Membership:

- Egyptian Engineering Syndicate.
- Federation of Arab Engineers
- Broad member of El-Gazeera High institute for Engineering, Egypt
- Member of architecture department council- El-Gazeera High institute for Engineering, Egypt
- Member of the Academic council- El-Gazeera High institute for Engineering, Egypt

9- Professional experiences and consultant works:

Center of Planning & Architectural Studies, 2010-2011

Working drawings for:

- Office Building (Saudi Arabia)
- Residential project consists of five towers (Nasser Sector- Nasr City, Cairo, Egypt)
- Residential project consists of two towers, Alexandria, Egypt
- Several public buildings.

El Nour Consulting Group, Sep. 2009

Design , working drawings and project management:

- The United Bank: VIP Private Banking Lounge. (Interior design), Cairo, Egypt
- The United Bank, Ain Sokhna Branch, Egypt

High Art Engineering consultants 2008-2010

Project management:

- Projects in Egypt:
 - El Obour Club – El-Obour, Cairo, Egypt.
 - Commercial building - El-Obour – Cairo, Egypt.
 - Residential building – Banha – Egypt
- Projects in UAE:
 - Several Villas in Dubai, UAE

Architecture of Today 2008

Develop working drawing

- El tahadey university - Libya.

El- Fatmia company 2006-2008

(A company for trading and distribution)

Architectural design and working drawings for:

- A residential, commercial, building , Port Said, St. , Cairo, Egypt.
- An Administration building , El-musky , Cairo, Egypt
- A residential, commercial, building , Shebeen El-Kom, Egypt.
- A residential, commercial, building , Tanta, Egypt.

The Arabian Bureau of Design and Consulting Engineering 1996-2006

Architectural design and working drawings

- Commercial, Recreational Residential project – Saudi Arabia.
- Kafr El-Sheikh museum
- Kom – Ambo commercial residential building.
- Muslim Youth Association commercial project.
- Council of State Club landscape.
- Several public buildings.

ODLC for commerce, Agriculture and Urban development 1995-1996

National company for construction

Site engineer (interior finishing)

- Residential Complex for military “Land -777 “- Nasser city, Cairo, Egypt

Prof. Dr. Mohamed Mahmud Ouida bureau

- Projects: Ahmed Bahgat Factory.

Competitions

- Regional Museum of Sharm El-Sheikh, Egypt
- An entertainment, commercial, official center–Maadi Towers, Cairo, Egypt
- A residential, commercial, official complex – El montazah, Alexandria, Egypt

Private work

- Touristic village at the north coast 1996
- Dr. Mohamed Abd El-latief villa - the fifth compound – Cairo, Egypt 2004.
- Abd El-Rahman El-Feky villa - El Sheikh Zaid, Egypt 2006.
- Abdullah El-Feky villa -6 October, 2007.
- Commercial building - the fifth compound – Cairo, Egypt, 2009.





كلية الهندسة
إدارة الدراسات العليا والبحوث



شهادة

تشهد كلية الهندسة بجامعة عين شمس أن السيد المهندسة / فاطمة أحمد أحمد البوني
تاريخ وجبة الميلاد : ١٩٧١/١/١٦ القاهرة
بطاقة رقم قومي : ٢٧١٠١١٦٠١٠١٤٨٥ تاريخ وجبة صدورها : ١٩٩٧/١٠ القاهرة
قد حصلت على درجة ماجستير العلوم الهندسية في الهندسة المعمارية " هندسة العمارة "
اعتباراً من تاريخ موافقة مجلس الكلية في : ٢٠٠٤/٣/١٥
واعتماد السيد الأستاذ الدكتور رئيس الجامعة على المنح في : ٢٠٠٤/٤/٦ بالتفويض
موضوع البحث : "دراسة أهمية الدور الحضاري للمهندس المعماري في المجتمع (النشأة والبيئة -
التعليم المعماري - الممارسة المهنية) ".
وقد تحررت لها هذه الشهادة بناء على طلبها لتقديمها إلى من يهمه الأمر بدون أدنى مسؤولية على
الكلية .

وكيل الكلية للدراسات العليا والبحوث

طارق النادى
أ.د. هادية محمد سعيد الحناوى
٥/٢/١٥



رئيس القسم

اسم
٥/٢/١٥

الموظف المختص

سامية الجرجس

