

1. Name: Engy Sayed Mohamed Ahmed Metwally, Lecturer, Architecture Department, Higher Institute of Engineering, Elshorouk Academy.

2. Degrees:

- B.Sc. of Architecture , Faculty of Engineering, Cairo University Giza.
2010
- M.Sc. (Architectural Engineering) Faculty of Engineering, Cairo University Giza.
2015
- Ph.D. (Architectural Engineering) Al-Azhar University, Cairo, Egypt.
2021

3. Years of Service on Faculty: 14

- **2010 – 2015-Teaching Assistant at Architecture Engineering Department - El Shrouk Higher Institute of Engineering.**
 - Assisting in teaching architectural drawing, working drawing, design, building, execution, graduation project
 - Assisting in teaching computer applications in the architectural drawings
 - Assisting students in selecting courses and career decisions
 - Assisting in achieving curriculum planning and degree requirements
 - Assisting in teaching and discussion in class to achieve the curriculum and evaluate the learning outcomes
 - Assisting students increase their imaginary skills in the 3D using different materials to construct different forms and objects
 - Integrating workshops in the curriculum to assist the students increase their imaginary skills in the 3D using different materials to construct different forms and objects
- **2016 – present- Lecturer Assistant at Architecture Engineering Department - El Shrouk Higher Institute of Engineering.**
 - Teaching sciography and perspectives, design, formation design principles and architectural representation
 - Teaching architectural construction and building technology, working drawings, technical fixtures and sanitary
 - Working closely with students to facilitate learning and advice on course selections and career decisions
 - Maintaining regularly scheduled office hours in order to advise and assist students
 - Working on faculty committees dealing with curriculum planning and degree requirements
 - Developing personal profession through research and workshops
 - Updating program specification and program report
 - Participating as deputy sub-unit for quality in the Architectural Engineering Program
 - Participating as a member of the Institute's Internal Audit Committee
 - Participating as a member in the preparation of the Engineering Sector Committee
 - Participate in the preparation of the Student's Guide to the Architectural Engineering Program

4. Other Experience:

- None

5. Consulting Activities (selected)

- None

6. States in which registered:

- Cairo, Egypt.

7. Principal publications of last 5 years (selected):

- **Engy Metwally, Moustafa Baghdadi, Ehab Rashed,Haitham Selim, “Eco-Design concept as an Environmental Approach to improve Energy Efficiency of University Library Buildings”,** 12th international conference on Nano-Technology for green and sustainable construction ,March, 2020.
- **Engy Metwally, Moustafa Baghdadi, Ehab Rashed,Haitham Selim, “Understanding Types of Architectural Theories”,** Al-Azhar Engineering 15th international conference,2021.
- **“Impact of outer shell design on energy performance of university library buildings”,** world journal of engineering research and technology, volume 7, Issue6, 241-264,November,2021,ISSN 2454-695X.

8. Scientific and professional societies of which a member

- Member of the Engineers Syndicate.

9. Honors and awards:

- None

10. Institutional & professional service in last 5 years:

(Attending and passing training , Principal publications are more than 5 yeay ...)

- Attending and met the standards required for completion of a training course in: Teaching large numbers, 2017.
- Attending and met the standards required for completion of a training course in: Effective communication skills, 2017.
- Workshops in Design course for 3rd year squad, Architecture Department, El Shorouk Academy.

11. Professional Development Activities in the last 5 years:

None.