

1. Name: Christine Ezzat Danial, Assistant Lecturer, Department of Architectural, Higher Institute of Engineering, Elshorouk Academy.

2. Degrees:

- B.SC, Architectural Department, Faculty of Engineering, El Shorouk Academy, Egypt, July 2013. Graduation project: (Excellent degree) “university of Siwa Oasis” Faculty of Environmental design, architecture design, and Agriculture engineering, at Siwa Oasis” with Total cumulative: 85% (Excellent with Honor).
- M.S. Architecture Specialization “Environmental Design”, Cairo University, May 2018. Master's Thesis: The General Framework and Methodology for Converting Existing Buildings into Sustainable Buildings: Criteria and Elements of Sustainability, A Case Study of Educational Buildings in Egypt.
- Ph. D degree in architecture Specialization “Environmental Design”, Cairo University, July 2023, PhD Thesis: Building Information Modeling (BIM) Integration Methodology to Improve Energy Efficiency in Existing Buildings

3. Years of Service on Faculty: 10

4. Other Experience:

Al-Nabil Engineering and Contracting Company

- Conducted interior design work for Cleopatra Office and managed the quantity inventory of finishes.
- Interior design work for a kitchen.
- Redesigning the meeting room of Mina Pharm Company.

Orascom Construction Industries, Cairo Egypt

- Trainee, Project Controls Department, August 2011
 - o Identified and analyzed the several different types of construction contracts.
 - o Acquired knowledge in the sequence of construction throughout the organization.
 - o Analyzed quantity surveys projects and discussed results with team leader.
- Trainee, Project Controls Department, September 2010
 - o Analyzed the various aspects in tender documents.

Dr. Abd El Wahab El Kady office, summer 2011.

- Trainee, Scientific research, Design, Working drawings,
 - o Researched and studied the various advantages of green buildings.
 - o Studied the different methodologies for writing scientific research

5. Consulting Activities (selected): Null

6. States in which registered:

- Cairo, Egypt.

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

- Methodology for Retrofitting Energy in Existing Office Buildings Using Building Information Modelling Programs, Ain Shams Journal, Volume 14, Issue 6, <https://doi.org/10.1016/j.asej.2023.102175>.

- Methodology for Retrofitting Energy in Existing Office Buildings Using Building Information Modelling Programs, 2023. Ain Shames. “INTERNATIONAL CONFERENCE ON SMART CITIES” ICSC 2023.
- Retrofitting of existing buildings to increase energy efficiency and enhance sustainability, 2018. The First International Conference on Sustainability: Environmental Efficiency to Achieve a Better Living.

8. Scientific and professional societies of which a member

- Member of the Syndicate of Engineers (2013 - 2024).

9. Honors and awards:

- Obtained second place in the "The Right to My Civilization" competition, as part of the celebration of the International Day for the Rights of My Civilization 2023.
- Achieving the ideal teaching assistant in the Department of Architecture, 2017.
- GREEN WORSHIP HOUSE COMPETITION Achieving the Silver Level in the Green Pyramid Rating System, Green Pyramid Competition – Egypt 2030 vision for sustainable development, 2017

10. Institutional & professional service in last 5 years:

- Member of the Quality Sub-Unit in the Department of Architecture (during the period of the academic year (2014/2015: Until now).
- Member of the Committee for the Promotion and Development of the Architecture Program) from the academic year 2020/2021: Until now).
- Member of the Committee for the preparation of the regulations of the Department of Architecture, Higher Institute of Engineering, ElShorouk Academy (2023/2024).
- Member of the Program Design Standard Committee – Higher Institute of Engineering at El Shorouk Academy to apply for the program accreditation stage from the Egyptian Authority for Quality Assurance and Accreditation of Education (2023/2024).
- Member of the Committee of the Standard of Teaching and Learning - Higher Institute of Engineering at Al-Shorouk Academy to apply for the institutional accreditation stage from the Egyptian Authority for Quality Assurance and Accreditation of Education (from 2023/2024: until now).

11. Professional Development Activities in the last 5 years:

Attending many training courses and workshops in the field of developing the performance of faculty members at the Institute, including the following:

- Ain Shames “INTERNATIONAL conference ON SMART CITIES” ICSC 2023
- Completed “Become a LEED Green Associate (v4)”, 2022.
- Training of DesignBuilder V7, whole building simulation workshop AUG, 2022.
- Global forum for higher education and scientific research (GFHS), December 2021, Cairo, Egypt. An international conference entitled: (Resilience in Architecture) To discuss the challenges facing education resilience in the period of the Corona virus Covid-19, 2021.
- Online open discussion panel titled: (green interior design), 2021.
- Technical Education Conference entitled: (The future of the labor market in Egypt under the slogan of the locomotive of construction and industry), 2021.
- The first conference in Egypt for technical education (Technical education is the future of Egypt) under the slogan of technical education, the locomotive of construction and industry, 2021.
- Completing understanding the LEED V4(BD + C) rating system, 15th of April 2019.
- Completed MINI MBA “Professional master’s in leadership”, through the international leadership award, 2020.