

Adham Mokhtar Mostafa Mohammed, PhD

Lecturer

*The Department of Architecture
University of Assuit, Egypt*



Nationality: Egypt

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Google Scholar:

<https://scholar.google.com/citations?hl=en&user=OkwBxuMAAAAJ>

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Employment

- Nov. 2020 Tenured Lecturer of Architecture**
Department of Architecture, University of Assuit, Egypt.
- Sept. 2015 Associate Lecturer of Architecture**
Department of Architecture, University of Assuit, Egypt.
- Dec. 2010 Tutor of Architecture**
Department of Architecture, University of Assuit, Egypt.
- Dec. 2006 Tutor of Architecture**
Department of Architecture, University of Sohag, Egypt.
- Dec. 2005 Part-time Tutor of Architecture**
Department of Architecture, University of Assuit, Egypt.

Visiting Lecturer posts

- Jan. 2024 Ongoing Department of Architecture, Faculty of Engineering, Sphinx University, Egypt.**
- Oct. 2023 to Sep. 2024 Department of Architecture, High Institute of Engineering and Technology (HIET), Sohag, Egypt**

Key Responsibilities:

- Lead of Architectural and Supporting Modules.*
- Oversee Managerial and Organizational responsibilities.*
- Conduct Academic research and Post-graduate supervision.*
- Contribute to Quality Assurance tasks*
- Contribute to Academic Events, Workshops, and Seminars.*

Dec. 2005 – 2023 Free-Lance Architectural Practice

Key expertise:

- Residential building design & Interior design*
- Landscape design*
- Designing executive & workshop drawings*
- Space Syntax*

Education

Nov. 2020 **PhD. of Architecture & Environmental control**

Thesis title: *Phase Change Material Amalgams as Feasible Building Insulation Through Accessible Techniques*

**Degree received through a joint-supervision program: Department of Architecture, The University of Assuit, Egypt. & School of Architecture and the Built Environment, University of Lincoln, UK.*

Apr. 2015 **MSc. of Architecture**

Thesis title: *Evaluation of Factors Affecting Noise Levels Inside Residential Units*

Department of Architecture, The University of Assuit, Egypt.

Jun. 2005 **BSc. of Architecture**

Scores: **V. Good (81.24%)**, Graduation project: **Distinction**

Department of Architecture, The University of Assuit, Egypt.

Study highlights: Building design - Town planning- Urban design- Structural design- CAD software (Details available in the degree transcripts, available on request).

Jun. 2002-2005 **Architectural Training**

"Dar El Omarah" Architectural Firm

"Bonyan Misr" Architectural firm (Certificates available).

Managerial Positions

July 2025
ongoing

Deputy Head of the Faculty of Engineering Quality Assurance Unit and Staff Representative

Faculty of Engineering, The University of Assuit, Egypt.

July 2025
ongoing

Member of the Executive Committee of the Center for Enhancing Engineering Education

Faculty of Engineering, The University of Assuit, Egypt.

June 2025
ongoing

Head of the ICE Graphics and Electronic Design team

Faculty of Engineering, The University of Assuit, Egypt.

Oct. 2024
ongoing

Member of the Student Training Unit Board (renewal)

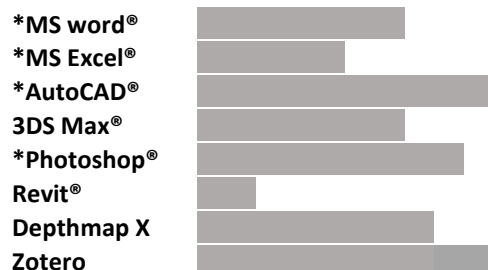
Faculty of Engineering, The University of Assuit, Egypt.

- Oct. 2023 to Aug. 2024** **Director of the Graduate Follow-up Unit**
High Institute of Engineering and Technology, Sohag, Egypt.
- Oct. 2023 to Aug. 2024** **Coordinator of the Department of Architecture Quality Assurance Unit**
High Institute of Engineering and Technology, Sohag, Egypt.
- Nov. 2022 Terminated** **Member of the Student Training Unit Board**
Faculty of Engineering, The University of Assuit, Egypt.
- Sept. 2021 ongoing** **Coordinator of the ID Sub-Quality Assurance Unit**
The Interior Design Program, The University of Assuit, Egypt.
- Sept. 2021 ongoing** **Coordinator of the "Student Academic Affairs"**
The Interior Design Program, The University of Assuit, Egypt.
- Sept. 2021 ongoing** **Coordinator of the "Student Activity Affairs"**
The Interior Design Program, The University of Assuit, Egypt.
- Nov. 2021 ongoing** **Member of the Engineering Consultancy Office**
The Faculty of Engineering, The University of Assuit, Egypt.
- Oct. 2021** **Member of the Architectural Department Board**
Periodic appointment
The Department of Architecture, The University of Assuit, Egypt.

Skills

- **Mother tongue: Arabic**
- **Fluent in English: TOFEL® score of 105**
- **Hold ICDL certificate** **Certificates available*

Software skills (Self-evaluation):



- **Inter-cultural skills: Culturally Knowledgeable**

Culturally knowledgeable through:

- Long-term accommodation in Texas, US (1986-1989), Liverpool, UK (1993-1998), and Lincoln, UK (2018-2020).
- Visits to Germany and Austria.

Communication



• **Occupational skills[^] (Self-evaluation):**

Teamwork
Organization

[^]Skills acquired through:

- Team work in the context of co-designing architectural projects (under and post-graduation).
- Participation in organizing departmental architectural seminars and events.
- Active Participation in miscellaneous workshops and training sessions.
- Directing module-related discussion groups.
- Interacting with colleagues in the context of quality assurance roles.

Activities & Contributions (e.g.)

Aug. 2025	Participating in the committee for specifying the academic Benchmark for the Department of Architecture and ID program
Aug. 2025	Updating the QAU's Questionnaires for the faculty leadership, staff, students, administrators, and suppliers.
Aug. 2025	Reviewing article acceptance and publication validity for the 9 th International Architectural Conference of Assiut University (IACA-9)
July 2025	Organization of the 2024/2025 student graduation project's exhibition
July 2025	Design of International Congress on Engineering (ICE) logo
July 2025	Oversee ICE's brochure and announcement designs
June 2025	Contributing to the organization of student training procedures
May 2025	Interview and assess students field training
June 2023	Contributing to the completion of the architectural departmental course files - (HIET).
June 2023	Contributing to signage and informational post designs – (HIET).
June 2022	Audit and review of the ID's Bylaws 2021 Issue
Sept. 2021	Assist in ID's promotional video series
Sept. 2021	Organization of ID program's Open day

Delivered Modules

Year	Semester	Level	Program/Dept., Faculty	Module
2020/2021	<i>First</i>	<i>First</i>	<i>Architecture, Engineering</i>	Architectural Design (1)
	<i>First</i>	<i>Third</i>	<i>Architecture, Fine Arts</i>	Executive Drawings (2)
	<i>First</i>	<i>Second</i>	<i>Interior Design, Engineering</i>	Interior Design Studio (2)
	<i>Second</i>	<i>Third</i>	<i>Architecture, Engineering</i>	Architectural Design (3)
	<i>Second</i>	<i>First</i>	<i>Architecture, Engineering</i>	Shading and Perspective
	<i>Second</i>	<i>Second</i>	<i>Interior Design, Engineering</i>	Modern Architectural Theories
2021/2022	<i>First</i>	<i>Second</i>	<i>Architecture, Engineering</i>	Architectural Construction (2)
	<i>First</i>	<i>Third</i>	<i>Architecture, Fine Arts</i>	Executive Drawings (2)
	<i>First</i>	<i>Third</i>	<i>Architecture, Fine Arts</i>	Technical Equipment and Installations
	<i>First</i>	<i>Second</i>	<i>Interior Design, Engineering</i>	Computer-Aided Drawing
	<i>Second</i>	<i>First</i>	<i>Architecture, Engineering</i>	Shading and Perspective
	<i>Second</i>	<i>Third</i>	<i>Architecture, Fine Arts</i>	Executive Drawings (2)
2022/2023	<i>Second</i>	<i>Third</i>	<i>Architecture, Fine Arts</i>	Technical Equipment and Installations
	<i>First</i>	<i>Second</i>	<i>Architecture, Engineering</i>	Architectural Construction (2)
	<i>First</i>	<i>Third</i>	<i>Architecture, Fine Arts</i>	Executive Drawings (2)
	<i>First</i>	<i>Third</i>	<i>Architecture, Fine Arts</i>	Technical Equipment and Installations
	<i>Second</i>	<i>Prep.</i>	<i>Decoration, Fine Arts</i>	Engineering Projection
	<i>Second</i>	<i>Third</i>	<i>Architecture, Fine Arts</i>	Executive Drawings (2)
2023/2024	<i>Second</i>	<i>Third</i>	<i>Architecture, Fine Arts</i>	Technical Equipment and Installations
	<i>First</i>	<i>First</i>	<i>Architecture (HIET)</i>	Architectural Construction (1)
	<i>First</i>	<i>Second</i>	<i>Architecture (HIET)</i>	Architectural Construction (2)
	<i>First</i>	<i>Third</i>	<i>Architecture (HIET)</i>	Executive Drawings (2)
	<i>First</i>	<i>Fourth</i>	<i>Architecture (HIET)</i>	Elective course (1): Desert Environment Architecture
	<i>Second</i>	<i>Second</i>	<i>Architecture (HIET)</i>	Architectural design (3)
	<i>Second</i>	<i>Third</i>	<i>Architecture (HIET)</i>	Executive Drawings (2)
	<i>Second</i>	<i>Fourth</i>	<i>Architecture (HIET)</i>	Elective course (2): Site Organization
	<i>Second</i>	<i>Fourth</i>	<i>Architecture (HIET)</i>	Elective course (3): Urban Development

2024/2025	First	Third	Architecture, Fine Arts	Executive Drawings (2)
	First	Fourth	Architecture, Fine Arts	Architectural Design (4)
	Second	Third	Architecture, Fine Arts	Executive Drawings (2)
	Second	Fourth	Architecture, Fine Arts	Graduation Project
	Second	Second	Architecture (Sphinx University)	Execution Design (1)
	Second	Third	Architecture (Sphinx University)	History of Architecture (3)

Workshops & Training

Photoshop®

Cairo university, 2003

ICDL (# UN 04 1832)

Assuit university, 2008

Evaluation & Exam Modes

Assuit university, 2015

Conference Organization Skills

Assuit university, 2015

Nano-Technology for Renewable Energy & Sustainability International Workshop

University of Lincoln, UK, 2019

E-Course Design

Assuit university, 2020

Analytical & Creative Thinking

Assuit university, 2020

Crisis Management

Assuit university, 2020

Occupational Ethics

Assuit university, 2020 & 2025

Excellence in University Teaching

Assuit university, 2025

Effective Communication Skills

Assuit university, 2025

3DS Max®

Cairo university, 2005

International Publishing of Research

Assuit university, 2008

Quality Standards in Teaching

Assuit university, 2015

Overview of Academic Publishing

University of Lincoln, UK, 2019

Research Indaba

University of Lincoln, UK, 2020

64th Lecturer preparation Round

Assuit university, 2020

Publication in International Journals

Assuit university, 2020

Student Evaluation Methods

Assuit university, 2020

Activation of E-Courses

Assuit university, 2025

Quality Culture in the University

Assuit university, 2025

Digital Transformation: Web Searching

Assuit university, 2025

Research Interests

Architectural design	Human-centered Design
Space Syntax Principles	Sustainable Architecture
Environmental Design	Thermal Control
Architectural Technology	Building Physics
Architectural Acoustics	Historical Buildings

Publications

The Visual Cognition, Walking Distances, and Mobility of Stairs and Nursing Stations in Hospital Wards

Adham Mokhtar Mostafa Mohammed and Mohammed Hemly Elhefnawy
Facilities
2025-08-20 | journal-article
DOI: 10.1108/F-02-2025-0039

Evolution in Mosque Architecture: A Comparative Analysis Across Different Eras

Adham Mokhtar Mostafa Mohammed and Ayman Sayed Abd El Gawad
9th International Architectural Conference of Assiut University (IACA-9)
2025-10-28 | conference-paper (pending publication)

Game-Based Learning in Architectural History: A Comparative Study

Mahmoud Dahy, Adham Mokhtar Mostafa Mohammed, and Mohamed Ayman Daef
9th International Architectural Conference of Assiut University (IACA-9)
2025-10-28 | conference-paper (pending publication)

The Algorithmic Studio: A PRISMA-Guided Systematic Review for Integrating Artificial Intelligence in Interior Design Education

Myar Mohamed Abdelbasir Sayed, Adham Mokhtar Mostafa Mohammed, and Magdy Mohamed Radwan Hamed
9th International Architectural Conference of Assiut University (IACA-9)
2025-10-28 | conference-paper (pending publication)

The Impact of Mall design patterns on User Congestion: A Space Syntax based Approach

Abrar Mahmoud Abdo, Magdy Mohamed Radwan, and Adham Mokhtar Mostafa Mohammed
9th International Architectural Conference of Assiut University (IACA-9)
2025-10-28 | conference-paper (pending publication)

Countering Negative Contextual Influences on Egyptian Balconies: A Non-Participant Observational Study

Adham Mokhtar Mostafa Mohammed and Mohammed Hemly Elhefnawy

Sohag Engineering Journal

2025-08-14 | journal-article

DOI: 10.21608/sej.2025.403957.1081

Architectural Software Preferences in Correlation to Architectural Skills

Adham Mokhtar Mostafa Mohammed

ERJ. Engineering Research Journal

2024-08-09 | journal-article

DOI: 10.21608/erjm.2024.304870.1345 Part of ISSN: 3009-6944

Promoting Active Transportation in Egyptian Universities: Assiut University as a Case Study

Ayman Sayed Abd El Gawad and Adham Mokhtar Mostafa Mohammed

Sohag Engineering Journal

2024-07-25 | journal-article

DOI: 10.21608/sej.2024.296409.1059 Part of ISSN: 2735-5896

Towards identifying mosque architectural characteristics aligned with expert preferences: application on selected mosques in Assuit City, Egypt

Mohammed Hemly Elhefnawy and Adham Mokhtar Mostafa Mohammed

SEJ Sohag Engineering Journal

2024-03-01 | journal-article

DOI: 10.21608/SEJ.2024.266422.1051

A Proposed Thinking Strategy as an Approach for Glazing in Hot Regions

Mohammed Hemly El Hefnawy and Adham Mokhtar Mostafa Mohammed

ERJ. Engineering Research Journal

2024-01-08 | journal-article

DOI: 10.21608/erjm.2024.244347.1300 Part of ISSN: 1110-1180

A visually based approach to optimizing retail facility designs and shelve layouts

Adham Mokhtar Mostafa Mohammed

Facilities

2023-10-26 | journal-article

DOI: 10.1108/f-02-2023-0010 Part of ISSN: 0263-2772

Measuring Residential Satisfaction In Apartments in Egypt by An AHP-Based Scale

Amr Mamdoh Ali Youssef and Adham Mokhtar Mostafa Mohamed

JAET Journal of Advanced Engineering Trends

2022-09-11 | journal-article

DOI: 10.21608/jaet.2022.154112.1220

Enhanced thermal performance of closed-cell rigid Polyurethane (PU) foam panels using phase change materials (PCMs)

Adham Mohammed, Amira Elnokaly, Abdel Monteieb Mohammed Aly, Mohamed Hamdy Mahmoud

Journal of Advanced Engineering Trends

2021-01-01 | journal-article

DOI: 10.21608/jaet.2020.32508.1022Part of ISSN: 2682-2091

Influence of Phase Change Materials (PCMs) on Polyurethane (PU) Foam Fire-Retardation

Adham Mohammed, Amira Elnokaly, Abdel Monteieb Mohammed Aly, Mohamed Hamdy Mahmoud

Journal of Advanced Engineering Trends

2021-01-01 | journal-article

DOI: 10.21608/jaet.2020.31380.1019 Part of ISSN: 2682-2091

Phase Change Material Amalgams as Feasible Building Insulation Through Accessible Techniques

Adham Mohammed, Amira Elnokaly, Abdel Monteieb Mohammed Aly, Mohamed Hamdy Mahmoud

2020-11-29 | dissertation-thesis

Empirical investigation to explore potential gains from the amalgamation of Phase Changing Materials (PCMs) and wood shavings

Adham Mohammed, Amira Elnokaly, Abdel Monteieb Mohammed Aly, Mohamed Hamdy Mahmoud

Energy and Built Environment

2020-07 | journal-article

DOI: 10.1016/j.enbenv.2020.07.001 Part of ISSN: 2666-1233

Evaluation of Factors Affecting Noise Levels Inside Residential Units

Adham Mohammed, Magdy Radwan, Mohamed Abdel Wahab, Aymen Hashem

2015-04-28 | dissertation-thesis

Study of Internal Noise Sources in Residential Building and Reduction Methods

Adham Mohammed, Magdy Radwan, Mohamed Abdel Wahab, Aymen Hashem

2014-09 | journal-article

Supervisions

Biomimicry as an Approach Towards an Innovative Architecture in Form and Function (A Case Study of the Biomimicry of Vegetal Elements)

Shaza Mohamed Ahmed

Forecasting Procedure of the Construction Projects Cost in Pre-Design Phase (A Case Study of University Educational Building)

Marwa Mahmoud Mohamed Hassan

The Role of Artificial Lighting in Supporting Architecture Formation

Mohamed Tharwat Mokhtar Ali

The Role of Artificial Intelligence in the Digital Documentation of Heritage Buildings

Ali Kamal Mohammed Mostafa

A Digital Games-based Implementation for Enhancing Interactive Architectural Education

Mahmoud Salah Dahi

Evaluating The Efficiency of Integrating Artificial Intelligence (AI) Tools in Interior Design Studios

Mayar Mohammed Abd ELBasier Sayed

The Impact of Mall Architectural Patterns on Limiting Congestion and Mitigating Infection

Abrar Mahmoud Abdo Mohammed

References

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Prof. Waqar Ahmed

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