

HESHAM HASSAN AWAD

Instructor

EDUCATION

- Ph.D. Menoufiya University RECYCLING OF CONSTRUCTION SOLID WASTES FOR MANUFACTURING OF BRICK UNITS AND ITS IMPACT ON RESIDENTIAL BUILDINGS IN EGYPT 2019
- M.Sc. Menoufiya University INHERITED TRADITIONAL TECHNIQUES AND HOW TO APPLY IT IN CONTEMPORARY ARCHITECTURE OF ARID REGIONS 2012 BSc Menoufiya University BSc of Engineering, Architectural department. 2006
- Graduated from Faculty of Engineering, Architectural department, Shebin El-kom, Menoufia University. Overall rating is Very good with honors, The Graduation Project (Olympic sports city Design) rating is Excellent.

ACADEMIC EXPERIENCE (FULL-TIME)

- Assistant professor in the faculty of engineering, Architecture department, Menoufia university- EGYPT
- 2012-2019 Lecturer in the faculty of engineering, Architecture department, Menoufia university- EGYPT
- Demonstrator in the faculty of engineering, Architecture department, Menoufia university- EGYPT
- Demonstrator (part time) in Higher Institute of Engineering (Elsherif), Kafr El-Sheikh- EGYPT
- Assistant professor (part time) in El-Shrouk Academy EGYPT
- Assistant professor (part time) in The Higher Institute of Engineering and Technology in El Bagour- EGYPT.

NON-ACADEMIC EXPERIENCE (FULL TIME)

- Designer of Syndicate club of Engineers in Sadat City, and the charge affairs of the design and executive of the club in 2006.

One of the owners of Idea design office in Shebin El-kom, Menoufia (2012-2014).

- Designer of many residential-commercial buildings in Shebin Elkom, Menoufia.
- Designer of 3 small hospitals in El-Bagour, Menouf & Tala Cities, Menoufia.
- Designer and owner of El-Tekya Cafe & Low-Cals restaurant, Shebin El kom, Menoufia.
- Designer of many villas in New Cairo & North Cost.

Interior Designer of so many residential & commercial places in many governorates in Egypt.

- Designer of Delta College School in Sers Ellyan city- Menoufia in 2020.
- Designer of ALS Arabia Laboratory building in El-Dammam, KSA, Commissioned by the Saudi

MAP Consultant Office. 2021

- One of the Designers of Mordimi Pizza restaurant – Nakheel, KSA, Commissioned by the Saudi MAP Consultant Office. 2021

PROFESSIONAL REGISTRATIONS/CERTIFICATIONS

- INHERITED TRADITIONAL TECHNIQUES AND HOW TO APPLY IT IN CONTEMPORARY ARCHITECTURE OF ARID REGIONS; A paper research submitted to scientific magazine of Faculty of Engineering, Menoufia university (2011).
- INHERITED TRADITIONAL TECHNIQUES AND HOW TO APPLY IT IN CONTEMPORARY ARCHITECTURE OF ARID REGIONS; A thesis Submitted to Faculty of Engineering, Menoufia University as a part of Master's Degree requirements in Architectural Engineering (2012).
- STUDYING THE RELATIONSHIP BETWEEN THE AMOUNT OF CONSTRUCTION AND DEMOLATION WASTE AND THE EDUCATIONAL, SOCIAL SITUATION IN EGYPT- STATISTICAL

STUADY ON THE EGYPTIAN GOVERNORATES; A paper research submitted to scientific magazine of Faculty of Engineering, Menoufia university (2017).

- **A LABORATORY STUDY TO COMPARE THE THERMAL PROPERTIES OF BRICK UNITS MADE FROM CONSTRUCTION WASTE WITH CLAY BRICK & CEMENT BRICK;** A paper research submitted to scientific magazine of Faculty of Engineering, Menoufia university (2018).
- **THE USE OF CONSTRUCTION & DEMOLATION WASTE IN THE MANUFACTURE OF BUILDING BRICK UNITS;** A paper research submitted to the 2nd international conference of the faculty of Engineering, Tenth conference of sustainable environmental development (16-20 March 2019).
- **RECYCLING OF CONSTRUCTION SOLID WASTES FOR MANUFACTURING OF BRICK UNITS AND ITS IMPACT ON RESIDENTIAL BUILDINGS IN EGYPT;** A thesis Submitted to Faculty of Engineering, Menoufia University, as a part of PhD requirements in Architectural Engineering (2019).
- **Utilization of Recycled Construction and Demolition Waste in the Manufacture of Prefabricated Wall Claddings to achieve Sustainability;** A paper research submitted to scientific magazine of Faculty of Engineering, Menoufia university (2022)

PROFESSIONAL ORGANIZATIONS

HONORS AND AWARDS

- Winner of the 1st place in the design competition of Syndicate club of Engineers in Sadat City. (2006).
- Winner of the Young Inventor Award from the Rotary Club for the topic of my Ph.D. (2019) .
- a certificate of appreciation from Menoufia University for the youngest Ph.D. holder in the Department of Architecture, Menoufia University. (2019).

SERVICE ACTIVITIES (INTERNAL AND EXTERNAL)

None

SELECT PUBLICATIONS/PRESENTATIONS (PAST 5 YEARS)

- **INHERITED TRADITIONAL TECHNIQUES AND HOW TO APPLY IT IN CONTEMPORARY ARCHITECTURE OF ARID REGIONS;** A paper research submitted to scientific magazine of Faculty of Engineering, Menoufia university (2011).
- **INHERITED TRADITIONAL TECHNIQUES AND HOW TO APPLY IT IN CONTEMPORARY ARCHITECTURE OF ARID REGIONS;** A thesis Submitted to Faculty of Engineering, Menoufia University as a part of Master's Degree requirements in Architectural Engineering (2012).
- **STUDYING THE RELATIONSHIP BETWEEN THE AMOUNT OF CONSTRUCTION AND DEMOLATION WASTE AND THE EDUCATIONAL, SOCIAL SITUATION IN EGYPT- STATISTICAL STUADY ON THE EGYPTIAN GOVERNORATES;** A paper research submitted to scientific magazine of Faculty of Engineering, Menoufia university (2017).
- **A LABORATORY STUDY TO COMPARE THE THERMAL PROPERTIES OF BRICK UNITS MADE FROM CONSTRUCTION WASTE WITH CLAY BRICK & CEMENT BRICK;** A paper research submitted to scientific magazine of Faculty of Engineering, Menoufia university (2018).
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- **RECYCLING OF CONSTRUCTION SOLID WASTES FOR MANUFACTURING OF BRICK UNITS AND ITS IMPACT ON RESIDENTIAL BUILDINGS IN EGYPT;** A thesis Submitted to Faculty of Engineering, Menoufia University, as a part of PhD requirements in Architectural Engineering (2019).
- **Utilization of Recycled Construction and Demolition Waste in the Manufacture of Prefabricated Wall Claddings to achieve Sustainability;** A paper research submitted to scientific magazine of Faculty of Engineering, Menoufia university (2022).

PROFESSIONAL DEVELOPMENT

- Utilization of Recycled Construction and Demolition Waste in the Manufacture of Prefabricated Wall Claddings to achieve Sustainability, Master's degree Thesis for: Omar Yousef Serag (2020).
- The Use of Building Information Modeling (BIM) Technology in the Management of Construction & Building Sector Operations in Egypt, Master's degree Thesis for: Asmaa Saied Khalifa (2022).
- Double parametric facades formed by using durable and recyclable bioplastics, Master's degree Thesis for: Mostafa Shebl (2022).