

Curriculum Vitae (CV)

BASMA MONIR IBRAHIM AHMED



Personal Information:

Academic Rank: Research Assistant.

Department: Architectural Engineering.

Specialization: Architectural Engineering science.

Position: Assistant Lecturer

Google Scholar: <https://scholar.google.com/my/citations?hl=en&user=0xI0vGEAAAJ>

Research Gate: <https://www.researchgate.net/profile/Basma-Monier>

ORCID Record: 0000-0002-1039-3587

Scopus ID: 57904472300

Email basma.monier@hti.edu.eg

Mobile/WhatsApp: +20/ 1000918658

Education:

Degree	Discipline	Institution	Year
Ph.D.	Architectural Engineering	Al- Azhar university	2025
M.Sc.	HOUSING	Ain Shams University	2015
B.Sc.	Architecture Engineering	H.T.I.	2009

Academic Experience:

Institution: Higher Technological Institute- tenth of Ramadan City

Rank: Lecturer Assistant (Ph.D. Candidate)

Dates: 2017 - Now

Institution: Higher Technological Institute- tenth of Ramadan City

Rank: Teaching Assistant

Dates: 2010 - 2017

Research interests:

- Housing.
- Urban Planning.
- Sustainable Development.
- BIM (building information Modeling)
- Coding & algorithms in Architectural Design

Publications:

- Alshammari, T.O.; Hassan, A.M.; Arab, Y.; Hussein, H.; Khozaei, F.; Saeed, M.; Ahmed, B.; Zghaibeh, M.; Beitelmal, W.; Lee, H. The Compactness of Non-Compacted Urban Developments: A Critical Review on Sustainable Approaches to Automobility and Urban Sprawl. Sustainability 2022, 14, 11121. <https://doi.org/10.3390/su141811121>
- Monier, B., Nagy, J., Aided Self-Help and Housing In New Cities. No. 25, vol. 1 (Jul. 2015), Benha university, faculty of Engineering.

Certifications or Professional Registrations:

Courses & training

- 2020: Autodesk Revit, BIM Application for Engineers, National Taiwan University, online course by Coursera Inc.
- 2017: Mastering Autodesk 3ds Max YAT learning centers, Heliopolis, Cairo
- 2017: IELTS Academic Score: 5.5 Overall British councils, Heliopolis, Cairo
- 2012: TOT (training of trainers) Faculty of Engineering, Cairo university
- 2008: Models and Design, Training Arab Bureau (Abbasiyah, Cairo, Egypt) Types of physical models, material, and techniques.

Teaching Experience:

Courses taught

Assisting in teaching the following subjects:

1- All design courses:

- Fundamental of Architectural design (level 1)
- Elements of Architectural Design (level 1)
- Architecture design of simple units (level 2)
- Design of Complex Units (level 2)
- Architecture Design (A) (level 3)
- Architecture Design (B) level 3)
- Architectural Design of Complex Buildings (level 4)
- Environmental design (level 4)
- B.SC Project

2- Theories and history of architecture

- Theories of Design
- History of Architecture
- Theories of Architecture (A)
- History and Theories of Urban Planning
- architecture theories (B)

3- building construction and working drawings

- building construction (level 1)
- building construction & materials (level 2)
- Diploma project
- Execution Design

4- Urban & town planning

- Urban Design in New Towns
- Town planning (A)
- Town planning (B)

5- Environmental courses

- Climate and Desert Architecture
- environmental control
- Desert Environment

6- Other courses:

- Housing
- Visual training (A) (level 1)
- Visual training (b) (level 2)
- Perspective & Skiagraphy
- app. Of computer in architecture (A) (AutoCAD 2d)