

Curriculum Vitae (CV)



AYA MOHAMED SABRY ABAS

Personal Information:

Academic Rank: Research Assistant.

Department: Architectural Engineering

Specialization: Smart Architecture - Sustainable Buildings

Position: Assistant Lecturer

Google Scholar: https://scholar.google.com/citations?view_op=new_profile&hl=en

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Education:

Degree	Discipline	Institution	Year
Ph.D.	PHD. STUDENT	Helwan University	—
M.Sc.	Sustainable Building	Helwan University	2019
B.Sc.	Architecture Engineering	H.T.I.	2011

Academic Experience:

Institution: Higher Technological Institute- tenth of Ramadan City

Rank: Research Assistant (Ph.D. student)

Dates: 2020 - Now

Institution: Higher Technological Institute- tenth of Ramadan City

Rank: Teaching Assistant

Dates: 2014

Research interests:

- Architectural design
- Sustainable Building
- Smart Architecture
- Environmental design
- Sustainable Development.

Publications:

Certifications or Professional Registrations:

Honors and Awards:

Teaching Experience:

Courses Taught

- 2021: DAAD KAIRO AKADEMIE (strategic planning as core to strategic management)
- 2021: DAAD KAIRO AKADEMIE (Digital Transformation in Higher Education)2013: Mastering Autodesk 3ds Max YAT learning centers, Heliopolis, Cairo
- 2020: design builder
- 2012: TOT (training of trainers) Faculty of Engineering, Cairo university

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- building construction and working drawings

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

3- Urban & town planning

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

4- Environmental courses

- Climate and Desert Architecture
- environmental control
- Desert Environment

5- Other courses:

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