Curriculum Vitae (CV)

Asmaa Mohammed Ali

Personal Information:

Academic Rank: Assistant professor

Department: Architecture Engineering

Specialization: Environmental design

Position: Assistant professor in architecture department

Google Scholar: https://scholar.google.com/citations?hl=ar&user=l7zI1JEAAAAJ&view_op=list_works&gmla=AJsN-F4mhepYmofKncSYdSvh8xtP0BmBG1fAV4BhjcDr3Y0yKepfeZWa5b3G9mMQmpvGkzgtHvwsmX8myrWwkWZVj-pR6ccqctB8VGaNhRdpLTT2LV_oeOWW7IKeM4NzF9UYkXmW4lEiIdf4j-mZ0xacMH_Dzh4akA

Research Gate: https://www.researchgate.net/profile/Asmaa-Ali-66

ORCID Record: https://orcid.org/my-orcid?orcid=0000-0002-8697-5081

Scopus ID: ----------

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Education:

Degree	Discipline	Institution	Year
Phd	Architecture,environmental design	Ain shams university	2023
M.Sc.	Architecture,environmental design	Ain shams university	2018
B.Sc.	Architecture	Higher technological institute	2012

Academic Experience:

Institution: Higher Technological Institute

Rank: Assistant professor

Dates: 2023

Institution: Higher Technological Institute

Rank: Research Assistant

Dates: 2018

Institution: Higher Technological Institute

Rank: Teaching Assistant

Dates: 2016

Research interests:

- - Biomimetic and adaptable building structures
- -Smart materials and technologies for building envelopes
- - Building rating tools for IEQ
- -climatic design
- -Project management
- -value engineering
- - Simulation of building environmental performance
- -Nanotechnology applications in architecture
- - spatial decision making.
- -Adaptive thermal comfort

Publications:

- - Asmaa Mohammed Ali, Akram Farouk, Mohamed Ezzeldin , "Reducing Buildings Operating Economics by Selecting the Optimal Nano Insulation Thickness in External Walls: Two Case Studies in Germany and USA," Civil Engineering and Architecture, Vol. 10, No. 3, pp. 937-962, 2022. DOI: 10.13189/cea.2022.100315.
- - Asmaa Mohammed Ali, "Determination of optimum thickness of nano and traditional insulation materials for building external walls by using degree-day approach for different climatic regions in Egypt", MSA Engineering Journal,2022, Volume 1 Issue 4,PP39-58. DOI: 10.21608/MSAENG.2022.273838.
- - Asmaa Mohammed Ali, Akram Farouk Mohamed,et al., "Nanotechnology applications to achieve energy efficient management in buildings",A Fayoum University Journal of Engineering , Volume 1, Issue 1,2018,pp 34-49.DOI: 10.21608/FUJE.2018.17874

Teaching Experience:

Courses taught

- -Fundamental of Architecture Design
- -Elements of Architectural
- -Architectural Designs of Simple Units
- -Architectural Designs of Complex Units
- -Housing Policies and Design
- -Building Construction & Materials (A,B)
- -Architecture Design Theories
- -History of Architecture
- -Architecture of the Desert
- -Environmental Control & climate
- -Environmental Design
- -Legislation, Execution Documents& Specifications
- -Tech. Installation for Buildings
- Interior Design
- Green architecture