Date: 12-04-2024

CURRICULUM VITAE

Personal Information

Faculty Member Name: Ma'in Fayez Abu-Shaikha
Academic Rank: Assistant Professor
College: Engineering
Department: Architecture Engineering
Nationality: Jordanian
Address: Amman
Phone No: +962 786633853
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Academic Qualifications

Degrees with fields, institution, and date

- B.S. in Architecture Engineering, Al-Ahliyya Amman University, 2015.
- M.Arch. in Architecture, Girne American University, 2017.

Project / theses title: Gestalt & Design : The Architecture of Camouflage

- Ph.D. in Architecture, Girne American University, 2022.
  Specialization: Architecture Design

Dissertation title: Exploring the Pseudoscientific Neuro-aesthetic Experience of Architevture Aesthetics in the Context of Amman City Centers
Specialization: Architecture Design Engineering – Design Neuroscience

Academic Experience

- Duration: 10/2023 – Present
- University: Amman Arab University
- Academic Rank: Assistant Professor | Full Time
- College: College of Architecture
- Country: Amman - Jordan
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- Duration: 2018 – 2019
- University: Girne American University
- Academic Rank: Teaching Assistant
- Date the rank was granted: 2018 2nd semester

- The body granting the rank:
- College: Architecture & Design
- Country: N.Cyprus

Non-Academic Experience

- Duration: 2022-2023
- Institution: Join Visions – Architecture Firm
- Department: Research Center
- Country: Jordan

Current Membership in Professional Organizations

- Jordan Engineers Association

Honors and Awards

- Jordan Engineers Association – Academic Architect Award

The most Important Publications in last five years

- Abushaikha, M., Al-Karablieh, M. A., Alabadleh, O. S., & Al-Abed, R. Y. (2025). Evaluating the effectiveness of phase-change material (PCM) integrated facades in enhancing thermal comfort through occupant perception. International Journal of Computational and Experimental Science and Engineering.
- Abushaikha, M., & Nasereddin, S. (2025). Predicting media impact: A machine learning framework for optimizing corporate communication strategies in architectural practices. International Journal of Computational and Experimental Science and Engineering.
- Musa, A., Abushaikha, M., & Al-Abed, R. Y. (2025). Enhancing predictive accuracy of renewable energy systems and sustainable architectural design using PSO algorithm. International Journal of Computational and Experimental Science and Engineering.
- Abushaikha, M., Al-Karablieh, M. A., Musa, A., & Al-Abed, R. Y. (2024). Integrating machine learning in digital architecture: Enhancing sustainable design and energy efficiency in urban environments. Asian Journal of Civil Engineering.
- Abushaikha, M. (2024). Smart sustainable architecture: Leveraging machine learning for adaptive digital design and resource optimization. Asian Journal of Civil Engineering.

Research link (Scopus and Google Scholar)

- https://www.scopus.com/authid/detail.uri?authorId=58763129100&origin=recordpage
- https://scholar.google.com/citations?user=c8gJoxUAAAAJ&hl=en&authuser=
- https://orcid.org/my-orcid?orcid=0009-0008-7837-1609

Languages

- Arabic
- English
- Turkish