جامعة عجمان
AJMAN UNIVERSITY

[Dr. Afaq Hyder Chohan]

Academic Rank

Associate Professor, College of Architecture, Art & Design (CAAD)

Qualifications

- **B.Arch;**
- **MSc. (Building);**
- **PhD (Architecture)**

Research field(s)

- Housing Design
- Design Quality
- Affordable Housing
- Sustainability & Renewable Energy in Built Environment
- Design Defects and Building Maintenance
- Smart Urban Planning & Cities
- Smart Mobile Applications in Built Environment
- Circular Economy through Design and Urban Planning
- Retrofit Design and Building Adaptation

Publications *(Last five years)*

- **AH Chohan**, J Awad. (2022). Wind Catchers: An Element of Passive Ventilation in Hot, Arid and Humid Regions, a Comparative Analysis of Their Design and Function. Sustainability 14 (17), 11088
- **AH Chohan** (2022). Matrix of Affordable Housing Assessment: A Development Process
- Designs 6 (1), 4
- WNW Rodi, AI Che-Ani, N Norazman, SN Kamaruzzaman, **AH Chohan**. (2022) Prioritizing Green Building Attributes on Conventional Office Building Rental Depreciation Using Analytic Hierarchy Process (AHP). Buildings 12 (8), 1169
- **AH Chohan**, J Awad, C Jung, AIC Ani. (2021) Development of smart application for house condition survey, Ain Shams Engineering Journal. Elsevier .

- **AH Chohan**, ZA Memon, AI Che-Ani, MS Arar, J Awad. (2021). Adaptation of Grid Tied Photovoltaic (GT-PV) System as Retrofit Renewable Energy Model for Single-Family House in UAE. ITERNATIONAL JOURNAL OF INTEGRATED ENGINEERING 13 (1), 130-147
- C Jung, J Awad, **A Chohan**. (2021).The planning of smart elderly housing in Dubai with IoT technologies, Open House International.
- M Arar, C Jung, J Awad, **AH Chohan**. (2021) Analysis of smart home technology acceptance and preference for elderly in Dubai, UAE. Designs 5 (4), 70
- **Chohan, A. H**. (2020). Maintenance Strategic Plan for School Buildings in Malaysia from the Owner's and Technical Perspectives. Solid State Technology, 63 (6).
- **Chohan, A. H.** (2020). Smart City Concept (SCC) to Ensure Transparency in Public Utilities and Services Sectors of Emerging Countries. Journal of Engineering and Applied Science, 15 (4), 970 - 975, doi: 10.36478/jeasci.2020.970.975.
- Chohan, A. H. (2019). Building defects management program" under soft landings level 3 performances at public universities in Malaysia. International Journal of Recent Technology and Engineering, 2 (2s2).
- Chohan, A. H. (2019). The practice of building inspection from perspective of building maintenance management, a preliminary survey. Journal of Engineering and Applied Science, 14 (23-4)., doi: 10.36478/jeasci.2019.8658.8661.
- Chohan, A. H. (2017). A Methodology to Develop a Mobile Application Model to Appraise Housing Design Quality. International Journal of Interactive Mobile Technologies, 11 (6).

Courses Taught *(Last five years)*

- Architectural Design VI, V & III
- Building Condition Surveying (BCM),
- Building Construction Codes & Practice(BCM),
- Housing Design & Theory,
- Project Management,
- Graduation Project (Architecture & BCM)
- Building Services &
- Architecture Practice.

Professional Experience

- Licensed of Architect SBCA Pakistan, 1997, Karachi Pakistan
- Designed boutique hotels
- Designed low rise residential buildings
- Designed low rise mix use projects
- Designed detached villas and bungalows measuring 200- 1000 sqm
- Completed Refurbishment and restoration projects

Committees Work

- **Assurance of Learning - Institutional Service:**
  2020-2021: BECM Quality Assurance
- **Committee Chair:**
  2020-2021 – 2021-2022: Course File Committee (BCM) (Co-Chair)

2020-2021 – 2021-2022: Training committee (ARCH)
2021-2022: Post Doctorate Search Committee
2020-2021: Building Engineering-Faculty Search Committee

- **Committee Member:**
  2020-2021 – 2021-2022: Master program & BECM program committee (ARCH)
  2020-2021 – 2021-2022: Assessment/ Evaluation committee (ARCH)
- **Other Institutional Service Activities:**
  2020-2021: Acting Coordinator Building Engineering Program
- **Member:**
- 2020-2021: Member College Council
- **University Assignments (Other Institutional Service Activities):**

Honors and Awards

- 225 Google Scholar Research Citations
- 85 Scopus Citations
- 142 Research Gate Citations

Other Contributions and Achievements

- 2022 -23 Courses Formatting & Revision in MSc. Urban Design
- 2022-23 Courses Revision B Arch Program
- 2022-23- Member Architectural Engineering Program Development Committee
- 2020-21- Students' Training Placement
- 2021-22 - Student Mentoring
- 2021-22 - Courses Formatting & Revision in Building Engineering Program.
- 2021-22 - Courses Formatting & Revision in Architecture Program
- 2020-21 - Training Manual Committee
- 2021-22 - AU Academic Ambassador
- 2019-20 - University Student Exchange Committee