

AR. SYEDA MAHWISH ZAHRA
mahwish.zahra@nfciet.edu.pk

QUALIFICATIONS

M. Arch Architecture – NED UET, 2014
B. Arch Architecture - University of Karachi, December 2006

PROFESSIONAL AFFILIATIONS

Associate Institute of Architects Pakistan (A-1293/11)
Registered Pakistan Council of Architects & Town Planners (A-02797)

CURRENT POSITION

Assistant Professor Department of Architecture Design, NFC-IET Multan
Nov, 2015 till date
Teach courses of History and Theory of Architecture, Participatory Design, and have supervised numerous undergraduate theses which got recognized through awards nationally and globally as well

Director Research Lab for Design & Culture - RLDC
The lab has pioneered collaborative research in the field of architecture and engineering. The lab is working on areas of sustainability, climate change and community driven participatory design of urban areas. One component of our lab documents the areas of historic walled city and heritage buildings in Multan

PROFESSIONAL EXPERIENCE

Assistant Professor Faculty of Architecture and the Built Environment, Nazeer Hussain University, Karachi
Jan, 2014 – Nov, 2015
Have taught the courses of Architectural Drawing, Architectural Design, History and Criticism in Architecture and have taught collaborative design studio courses with faculty from Westminster University and UCL.

Senior Architect SUH Design Consultants, Karachi
May, 2012 – Jan, 2014
Worked as the Head of Interior Design Department and was involved in multiple residential and commercial projects

Faculty Department Of Visual Studies, University Of Karachi
April, 2011 – June 2013
Have taught the courses of Architectural Detailing I & II

Architect Indus Earth Trust, Karachi
March, 2011 to August, 2011
Built affordable model houses in Cob, Adobe, bamboo and Compressed Earth Blocks and trained the local community in Ghaaro near Thatta Sind. Collaborating with

Curriculum Vitae

UNDP, did an 'Adopt a Village' Project at a remote location in Sujawal Thatta for flood affectees.

Lecturer	Building & Architectural Engineering Department, BZU, Multan January, 2008 to February, 2011. Have taught the courses of Architectural Drawing, Architectural Design, Architectural Softwares, Environmental Control Systems, Building Conservation and advised two of Final Year Project 'Multan Expo Center' and '50-bed General Hospital'
Assistant Architect	CALECO-Indus Earth Trust, Karachi January, 2007 to August, 2007 Built a Bamboo/Earth school for a fisherman village at Abdullah Goth near coast of Karachi where I was responsible of training/capacity building of local women on traditional construction techniques.
Architect	Earthquake Reconstruction Pilot Project in Kashmir CALECO-Indus Earth Trust, Karachi- Mar, 2006 to June, 2006 Built 3 model houses on different sites demonstrating vernacular techniques for earthquake resistant architecture and led the capacity building of local masons in Bagh district of AJK collaborating with CRATerre France.
Intern	Shahab Ghani & Associates– Jan, 2006 to Apr, 2006
Intern	Tanveer Ahmed & Associates, Karachi– July, 2005
Architect	TEAMS, Karachi– Oct, 2004 to Dec, 2004
Intern	Misbah Najmi & Associates, Karachi – Mar - April 2004

Workshops/Conferences

Volunteer	SAARCH International Karachi – 2004
Participant	BSHF International Study Visit, Aga Khan B.A.C.I.P. Program PAKISTAN– 2007
Delegate	Asian Congress of Architects - 14, Lahore – 2010
Participant	Asian Cities Conference - Karachi 2014
Participant	BAE-IAP Studio Faculty Training – Islamabad 2014
Participant	BAE-IAP Studio Faculty Training – Lahore 2015
Participant	BAE-IAP Faculty Roundtable – Karachi 2015
Participant	Jaipur Heritage Workshop – 2019

Skills/Softwares

Proficient	English Language – IELTS Academics Score 7.5 bands - 2022
Intermediate Level	MS Office
Expert Level	AutoCAD
Intermediate Level	Photoshop, Sketchup and Lumion
Intermediate Level	Referencing Tools
Beginner Level	AI Tools
Beginner Level	Python for Data Analysis

CONFERENCE PAPERS

Zahra S. M. (2009), Reviving the Traditional Architecture of Pakistan. Grand Convention of Architects & Planners, June 2009. Lahore. Conference Proceedings.

Zahra S. M. (2014), Architectural Education in Pakistan. CAUMME II Cyprus, October 14-16, 2014. Conference proceedings.

Zahra S. M. (2015), Technology for Architecture – In Search of the Signified. IAPEX Symposium Lahore March 2015. Conference proceedings published in IAP Journal 2016.

Aleha A., Mahar W.A., **Zahra S. M.** (2022) Study of Indoor Environmental Quality of Public School Classrooms in Multan. 2nd International Conference on Science, Engineering and Technology (ICSET-2022). 10-11 Mar 2022. Dera Ghazi Khan, Pakistan: Mir Chakar Khan Rind University of Technology (MCKRUT).

Zahra S. M. (2022), Stimulating Participatory Design Practices – Regional Challenges and Opportunities. International Virtual Conference A FOCUS ON PEDAGOGY: Teaching, Learning and Research in the Modern Academy. 20-22 April, 2022. <https://architecturemps.com/focus-pedagogy/>

Athar, M.; **Zahra, S.M.**; Aleha, A.; Raheel Shah, S. (2024) Production Process of Eco-Friendly Building Material Units: An Application of the Circular Economy Concept, in Proceedings of the 3rd International Electronic Conference on Processes, 29–31 May 2024, MDPI: Basel, Switzerland

RESEARCH PUBLICATIONS

Aleha A., **Zahra S. M.**, et.al (2023) Urban Void as an urban catalyst bridging the gap between the community. *Frontiers in Built Environment* Vol. 09
<https://www.frontiersin.org/articles/10.3389/fbuil.2023.1068897> ISSN=2297-3362

Aleha A., **Zahra S.M.**, Qureshi S., Shah S., Marri S.A. and Khan M. (2024). Urban Forests and their Contribution to Sustainable Urban Development in a Global Context: a case study of Multan, Pakistan. *Frontiers in Climate*. 6, 1275102. doi: 10.3389/fclim.2024.1275102

Aleha, A., **Zahra S. M.**, Memon, A. W., & Mahar, W. A. (2024) Measuring community disaster resilience in Southern Punjab: a study of 2022 floods in Pakistan. *Natural and Applied Sciences International Journal (NASIJ)*, 5(1), 113-129. <https://doi.org/10.47264/idea.nasij/5.1.8>

Ahmed Z., Yousuf S., Rizwan, Raza Taseer, Sultan, **Zahra S.M.**, & Aleha A. (2024). Numerical Study on Failure Mechanism of Rock Slope Formed by Mudstone at Girdu, Pakistan. *Proceedings of the Pakistan Academy of Sciences: A. Physical and Computational Sciences*, 61(3), 293–302. <https://doi.org/10.53560/PPAS-A> (61-3)866

Ahmed Z., Yousuf S., **Zahra S.M.**, et.al. (2024) Determination of Critical Slip Surface in Loose Rock Slope Stability Analysis. *Proceedings of the Pakistan Academy of Science* 142-152(2024)
[https://doi.org/10.53560/PPASA\(61-2\)867](https://doi.org/10.53560/PPASA(61-2)867)

Curriculum Vitae

Imtiaz S., Yousuf S., Ansari A., **Zahra S.M.**, et.al. (2025) Multan Clock Tower: Architectural Research And Conservation- Insights On British Colonial Heritage. Kashf Journal of Multidisciplinary Research, [S. l.], v. 2, n. 07, p. 134–147, 2025. DOI: [10.71146/kjmr540](https://doi.org/10.71146/kjmr540). Disponível em: <https://kjmr.com.pk/kjmr/article/view/540>.