



Wajeeha Laiq

Looking for excited and learning roles, which thrives, inspires and motivates. To be able to work for the betterment of individuals, teams and relevant organization.

WORK EXPERIENCE

Assistant Professor

Department of Architecture and Built Environment, Nazeer Hussain University [03/09/2021 – Current]

City: Karachi

Country: Pakistan

Website: nhu.edu.pk

Name of unit or department: Department of Architecture and Built Environment

1. Taking subjects of Architectural Design, Sustainable Development & Urban Design and for 7th & 8th Semesters
2. Conducting Research Dissertation Subject for 9th Semester.
3. Supervising Undergraduate thesis students
4. Other Allied Departmental activities and responsibilities.

Visiting Lecturer

Sir Syed University of Engineering & Technology [26/02/2018 – 30/06/2021]

City: Karachi

Country: Pakistan

1. Taking subject of Architectural design (including projects of Self Sufficient Midrise Office building, Beach Hut, Parking lots, Infrastructure design of Housing Scheme etc.) 3rd, 4th, 5th semesters.
2. Course outline making along with other colleagues.
3. Conducting interactive discussion based learning activities in class.

Architect

R.R. Associates, 18C, Mezzanine Floor, Stadium Lane-3, Phase 5 DHA, Karachi [01/06/2015 – 31/01/2018]

City: Karachi

Country: Pakistan

1. -Working as Architect on various different projects including:

Construction and Project Management of various hospital wings of National Institute of Cardio Vascular Diseases (NICVD) in satellite regions of Sindh (including Karachi, Mithi, Tharparker, Larkana etc) under the USAID program.

Renovation Design of 12th Floor, Shaheen Complex Building, Karachi

Bank of Khyber Design on 7th Floor, BRR Tower, I.I. Chundrigar road Karachi

Proposed design of Office, on 11th Floor PNSC Bldg Karachi

Motel Design of Ghari Khuda Bux Larkana (in collaboration with other firm)

NBP branches design consultancy in Ghara, LMC branch Jamshoro and Faisalabad region

200 and 400 Sq.yds bungalow design consultancy in Gulshan and Gulistan-e-Jouhar, Karachi: Client Mr. Rana

1. BOQ making, Analyzing, Tender Drawings checking, Construction and Site supervision of the above mentioned projects

Assistant Architect

Heritage Cell, Department of Architecture and Planning, NED University [25/09/2009 – 31/05/2013]

City: Karachi

Country: Pakistan

1. **Project Architect:** Documentation, Restoration and Repair works of Hamdard Matab- Arambagh, Karachi 2010 (completed 2012-2014)
2. Working as **Project Architect** on the restoration and repair works of different historic buildings including National Foods ladies Club, Rehan building in Serai quarters, Ather Mansion in Rambagh quarters (performed measured documentation of these historic buildings, conservation report writing and introducing design interventions accordingly)
3. Performing **field surveys for documenting** more than 1000 historic buildings, existed in historic quarters of Karachi, part of Karachi Historic Building Resurvey Project (KHBRP) Inventory making of respective historic quarter in the form of comprehensive report which act as reference manual for Culture Department Government of Sindh
4. **Writing technical reports** on the historic buildings of Karachi, for Ministry of Culture and Tourism, Government of Sindh to provide conservation consultancy
5. Performing field surveys for documenting more than 1000 historic buildings in historic city of Shikarpour in order to assist Senior Associate in her Ph.D thesis
6. Prepare complete records on Flood Damaged Heritage Assessment Survey of Sindh in 2010
7. **Lecturer for Architectural Design, Architectural Conservation, Urban Design & Climatology Courses** in Department of Architecture and Planning, N.E.D. University of Engineering and Technology, Karachi (**Teaching during the academic years 2010, 2011, 2012**)
- 8.

Architect

"Shehri" (the NGO), [02/05/2009 – 31/07/2009]

City: Karachi

Country: Pakistan

Performing compilation of data, of six different towns of Karachi.

EDUCATION AND TRAINING

Masters in Architecture

Department of Architecture and Planning, NED University of Engineering & Technology, Karachi [06/06/2012 – 15/12/2014]

City: Karachi

Country: Pakistan

Website: neduet.edu.pk

Field(s) of study: Heritage Conservation

Final grade: 3.3/4.0

Thesis: Assessment of Embodied Energy/ U-Value in Historic Structures of Karachi - Pakistan

Short Description of Master Thesis

The benefits of reusing historic and existing buildings versus those of constructing new buildings are frequently discussed in terms of economic, cultural, and design values. If those discussions are expanded to include environmental impact, one must also address the topic of embodied energy. Embodied energy is the sum of all the energy required to extract, process, deliver, and install the materials needed to construct a building. Due to the recent focus on sustainable construction practices, conservationists and preservationists have explored the benefits of building conservation in relation to embodied energy calculations. Such studies are getting popular in international market and became important ground for expanding renovation and restoration practices. In our local context it is comparatively a newer domain and have consisted directions to explore.

The objective is to conduct embodied energy/ U-value calculations within the historic buildings of Karachi following the inventory model. The aim of this research is to devise methodology for calculating embodied energy in historic buildings. This will help in creating awareness about the benefits of restoration measures in Karachi

from the environmental aspect, which is continuously degraded and dilapidated. Secondly to ascertain and introduce internationally recognized aspects which are in common practice in the domain of conservation and preservation.

Bachelor of Architecture

Department of Architecture and Planning, NED University of Engineering and Technology, Karachi [01/01/2004 – 15/12/2008]

City: Karachi

Country: Pakistan

Website: neduet.edu.pk

Field(s) of study: Architecture

Final grade: A grade (72%)

Thesis: Designing Public Realm: Bringing Landscape Continuity for North Nazimabad L Block, Karachi

Open space is the stage upon which the drama of communal life unfolds. The park, streets and squares of a city give form to the ebb and flow of human exchange. These spaces help in providing excited urban interrelationship which people seek as social animal. History reveals about the existence of these spaces in earlier civilizations, and the expansion in number and types of open spaces seen today. Although the characteristics of the open spaces differ widely, but this shows how changes in the way people live, continue to shape the spaces around them. As public life evolves with the culture, new types of spaces may be needed and old ones revived.

To understand the interaction of people and places and how this affects the ways, setting function etc. It considers range of factors including natural qualities of the surrounding environment, the potential of space, cultural and demographic backgrounds and their economic status.

The study therefore focuses on the elements which makes an open space live or dead within an existing neighborhood. The main field of the research is to explore the problems in neighborhood open spaces and create more responsive interacting spaces which not only emphasizing the existing physical qualities but also acts as the identity of that neighborhood.

Intermediate or Higher Secondary Studies (Grade 11 and Grade 12)

P.E.C.H.S Government Girls College, Karachi [15/09/2001 – 30/05/2003]

City: Karachi

Country: Pakistan

Website: www.bammpechs.gov.pk

Field(s) of study: (Pre-engineering)

Final grade: A- grade (74%)

Matriculation or Secondary Education

North Karachi Grammar School [1999 – 2001]

City: Karachi

Country: Pakistan

Field(s) of study: Pre-Engineering

Final grade: A-1 grade (84%)

LANGUAGE SKILLS

Mother tongue(s): **Urdu**

Other language(s):

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

NETWORKS AND MEMBERSHIPS

• Architect Member, Pakistan Council of Architects and Town Planners (PCATP)

[Karachi Pakistan, 19/09/2009 – Current]

Pakistan Council of Architects and Town Planners (PCATP) is the licensing and registration body for Architects and Town Planners. It's responsibility is to **grant license for professional practice to the fresh graduates**, after evaluating their credentials on case to case basis.

Link: pcatp.org.pk

• Individual Member, ICOMOS Pakistan: ICOMOS-UNESCO (Directly through the International Secretariat)

[Karachi Pakistan, 01/11/2010 – Current]

ICOMOS Pakistan is directly connected with the international secretariat i.e. ICOMOS-UNESCO. ICOMOS-Pakistan, works for the betterment, dissimilation, upkeep and recording of national heritage of Pakistan. This working group is involve in legislation making, policy drafting, archiving, seminar and lecture organization along with different regional ICOMOS secretariats (lie ICOMOS Philippines, ICOMOS Indonesia etc.)

Link: www.neduet.edu.pk/arch_planning/ICOMOS/index.htm

PUBLICATIONS

Overview on Historic Municipal Markets of Karachi- Pakistan"

[2022]

5th International Conference on Conservation of Architectural Heritage: Cairo –Egypt by IEREK

Link: <https://link.springer.com/book/10.1007/978-3-030-95564-9>

An Approach for documenting the Historic Drinking Water Troughs of Karachi- Pakistan

[2022]

2nd International Conference on Cultural Sustainable Tourism; Online , Maia- Portugal

Link: https://doi.org/10.1007/978-3-031-07819-4_14

Assessment of Embodied Energy /U-value in Historic Structures of Karachi- Pakistan)

[2019]

3rd International Conference on Conservation of Architectural Heritage: Luxor- Egypt by IEREK

Link: <https://dx.doi.org/10.21625/resourceedings.v2i2.602>

DIGITAL SKILLS

Microsoft Office (Ms Word, Excel, Access, Powerpoint, Project and Outlook) / AutoCad (2D, 3D) / Knowledge and use of Adobe Photoshop / Experience in drafting reports and documentation / Technical Report writing

HOBBIES AND INTERESTS

• Learning new methods of teaching, research paper writing on different topics, practicing in local market ,Conservation and Historic built fabric , Urban and Architectural design