

Rahat Arsalan

Lecturer, Department of Architecture and Planning,
NED University of Engineering and Technology, Karachi, Pakistan.

+92- 304-0247177
+92- 21-99261261
rahatarsalan@gmail.com,
rahatarsalan@cloud.neduet.edu.pk

Personal Profile

Gender: Female

Research Gate: <https://www.researchgate.net/profile/Rahat-Arsalan>

LinkedIn: <https://pk.linkedin.com/in/rahatarsalan>

Professional Summary

Committed and engaging lecturer bringing exceptional lecturing skills and expertise in Architecture and Planning, gifted in engagement and guidance of students. Supporting students, developing instructional architectural design plans and organizing and grading exams and tests. Commended for sustaining effective learning environment through prepared classes and relevant assignments and consistently achieving classroom management and academic goals. Organized and dependable candidate successful at managing multiple priorities with a positive attitude. Willingness to take on added responsibilities to meet team goals.

Career Objective

To pursue high quality research in the field of Architecture and Urban Planning; to deliver it to the local and global educational forums, to equip them with the new originations and creative solutions and to impart this knowledge to the new generation.

Academic Qualification

Bachelor of Architecture, Architecture and Planning 2002-2006
NED University of Engineering and Technology, University Road, Karachi, Pakistan.

Masters of Urban and Regional Planning: Urban Planning 2010-2012
NED University of Engineering and Technology, University Road, Karachi, Pakistan.

Skills

Auto Cad, SketchUp, 3D Studio Max, Revit Architecture, Lumion, Enscape, Photoshop (intermediate).
Architectural Photography (intermediate), Urdu and English languages (advanced)

Trainings Received

- Professional Competency Enhancement Program for Teachers (PCEPT), Organized by HEC at NEDUET 8th to 30th Dec'2011
- Organizational / Interdepartmental Communication Organized by HEC& QEC Training at NEDUET 23rd Feb to 4th Mar 2015
- ArcGIS9. Basic training on ARCGIS9. Organized by Urban Engineering Department, NEDUET, at DAP NEDUET, Karachi. 16th to 18th May'2011

- IAP-ARCASIA Young architect Teacher Training Workshop at IAP Karachi. 7th to 13th Feb'2016
- Manual of OBE System Framework by QEC Training at NEDUET 14th to 22nd Nov 2022
- Presentation & Communication Skills- A workshop by HEC By Dr NEDUET Karachi, April 21st – 23rd, 2010.
- Practicing Islamic Architecture: A workshop for Developing Design Skills in Building Traditions of the Sub-Continent” By Taimoor Khan Mumtaz, Department of Architecture and Planning NEDUET, February 6th -16th, 2012

Roles and Responsibilities

- | | |
|---|--|
| <ul style="list-style-type: none"> • Group and individual instruction • Classroom management • Architectural design studio • Student needs assessment • Progress reporting • Student research guidance • Lecturing • Thesis advisement • Academic research | <ul style="list-style-type: none"> • Performance assessment • Lesson Planning • Curriculum Development • Class instruction • Student records management • Industrial Liasson • Classroom presentations • Online learning tools • Differentiated instruction |
|---|--|

Awards and Accomplishments

- Certificate of Merit awarded for 2nd position in B. (Arch)
- Distinction in Thesis project and dissertation in B. (Arch)

Career and Experience

Project Architect + Research Assistant

Arif Hasan & Associates

Jan 2007 - Oct2009

- Work as a project architect on residential scale project, manage archives and conducted city regional and local level research projects.

University Lecturer

Department of Architecture and Planning

NED University of Engineering and technology

Dec 2009 - Till present

- **Teaching:** Shifted between informal and formal methods of teaching to create multi-layered web of learning incorporating experiments, practical activities, discussions and projects into lessons. Provide students with constructive, encouraging and corrective feedback. Teaching communication, design and theory courses at B.Arch. and MURP levels, supervising independent thesis projects of final year students and Independent Research Studies under the course of Comprehensive Environmental Design. Used different learning modes and types of technology to engage students in learning outcome.

Courses taught in Bachelor of Architecture (BArch) Program

- Architectural Design Studio (2nd Year, 3rd Year, 4th Year and Final Year)
- Computer Graphics.(Auto Cad, Photoshop, 3D Max, Sketch Up)
- History of Civilizations of Islam. (4th Year)
- Landscape Architecture. (3rd Year)
- Climatology. (3rd Year)
- Comprehensive Environmental Design. (Final Year)
- Urban Planning and Design. (4th Year)

Courses taught in Master of Urban and Regional Planning (MURP) Program

- Computer application in Planning (GIS)
-

Workshops Coordinator

Organize workshops on REVIT Architecture (BIM) software in collaboration with Autodesk and ER-solutions.

- **Research:** Undertaking course related research, prepared course manuals, reports and design briefs. Editor Journal of Research in Architecture and Planning.
- **Consultancy:** Providing consultancy services to various urban research, design and planning projects at the at national, local and provincial level.
- **Administrative Tasks:** Conference Convenor of International conference of Urban and Regional Planning organized by the Department of Architecture and Planning at NEDUET. Member of Board of Review. Member of Conference Organizing committee, Computer Lab Supervision, Coordinator of workshops on architectural software, member of editorial committee research journal, Member of Architects Alumni Association NED (AAAN).
- **Honorary Works:** Architectural consultancy for the Earth-quake engineering lab at NED University of engineering and Technology.
- Interior design of Reference Library at NED University of Engineering and Technology.

Associations

Coordinator, Digital Architecture Group at DAP, NED University.

Assistant Coordinator, Urban Research and Design Cell at DAP, NED.

Co-Coordinator DSG (Design Studio Group) at the DAP-NED

Member, History Group at DAP-NED University.

Member of Urban and Regional Planning Seminar Scientific Committee at NED University.

Convenor 10th, 11th, Seminar on Urban and Regional Planning.

Convenor 1st International Conference on Urban and Regional Planning.

Research Projects

Resilient Cities LG-SAT Study, a project of UN-Habitat, Assist Local Governments for the Resilient Cities Campaign in Conducting Assisted Self-Assessment Applying the LG-SAT Tool Findings. Elaboration of toolkit on Climate Risk Assessment of Urban Infrastructure for cities in Sindh. The toolkit is aimed at supporting less-resourced cities to perform an evaluation of climate risks to new or existing infrastructure projects and identify quick-win actions to minimize potential impact.

The toolkit was pilot tested via training and workshop sessions with municipality officers of the six cities of Sindh.

Worked as a team member of **Land Management Study** report, Karachi supported by the International Institute for Environment and Development, UK

Carried out the post documentation works for UN-HABITAT Pakistan and Department of Architecture and Planning NED University Karachi collaborative project under the umbrella of the “Sustainable Urbanization component within the joint program on Environment (JP-E4), envisions to build capacity to provide an effective and sustained improvement in urban poor living conditions, including urban issues relating to climate change (as a contribution to achieving MDG7D)”.

Planning for Land Management, Distribution, Regulation, Transactions and Conservation – Case of Karachi, worked as a studio member of the course title City Planning Studio in the Masters of Urban and regional Planning

Master Plan, Urban Design and Conservation of Larkana City, worked as a team member to improve the overall image of the city by proposing several uplifting projects and new projects as well. Architectural design of monuments, library, artisan’s village and restaurant. Urban design of pedestrian bridges over canal, sitting spaces along canal, parks along canal, and stop overs.

Technical Assistance for a Sindh Policy and Budget Framework for Community-Driven Local Development, worked as a Senior Non-Key Expert, European Union EU SUCCESS, Poverty Reduction strategy Implementation for physical development of the Rural Growth Centre (RGC) pilot at Chuhar Jamali in Shah Bunder taluka of Sujawal district, innovative 'area development', which includes infrastructure schemes in the 2021-22 provincial PSDP for school education for girls and boys, water supply and drainage, and road connectivity. Plans are being drawn up to develop housing, drinking water, drainage and kitchen gardening in villages around Chuhar Jamali, Sajawal planned to be implemented and managed by community. Organizations.

Research Publications

‘Sustainability as a Response to Climate Change, Lessons Learnt from Badin’

Research Paper Submitted to

International Conference on Sustainable Built Environment (ICSBE-2012), Kandy, Sri Lanka.

December 14-16, 2012

‘Planning for Land Management, Distribution, Regulation, Transactions and Conservation – Case of Karachi’.

Research Paper Submitted to

8th Urban and Regional Planning Seminar, NED University of Engineering & Technology, Karachi,

Pakistan.30th March 2013.

‘Impacts of Private Urban Mega Projects: Case of Bahria Icon, Karachi’

Tekton (A journal of Architecture and Urban Design and Planning, Volume 4. Issue 1, March 2017, ISSN 2349-6282, Mumbai India.

‘Safeguarding the Interior Architecture of Heritage Buildings in Karachi

Prague – Heritages, Past and Present - Built and Social, a Conference on Culture, History, Art and Design, Czech technical university, Prague. June 2023.

Professional Memberships

Institute of Architects and Planners (2007)

Pakistan Council of Architects and Planners (2007)