

DR. NOMAN AHMED

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1. EDUCATIONAL QUALIFICATION

Dawood College of Engineering & Technology, Karachi Pakistan

NED University of Engineering & Technology,
Bachelor of Architecture (B. Arch) in 1989

Middle East Technical University, Ankara Turkey

Master's Degree in City Planning (M.C.P.) in 1992.

Loughborough University, UK

Doctor of Philosophy (Ph.D.) in Civil and Building Engineering in 2005

PROFESSIONAL TRAINING

United Nations Centre for Regional Development (UNCRD), Nagoya Japan

International Training Course on Regional Development Planning April - May 1993.
The duration of the course was two months.

Research Centre for Islamic History, Arts and Culture, Istanbul Turkey

Redevelopment Programme for Mostar, Bosnia Herzegovina, June - July 1994 and June - July 1995.

Harvard University, Cambridge USA

International Training Programme, Centre for Urban Development Studies, September, 1999.

National School of Public Policy, Lahore Pakistan

(formerly Pakistan Administrative Staff College)
88th National Management Course, 03 March – 02 August 2008.

2. PROFESSIONAL AFFILIATIONS

Member, (as Professional Architect), Pakistan Council of Architects and Town Planners (A-1537).

Member, (as Professional Town Planner), Pakistan Council of Architect and Town Planners (P-355).

3. HONOURS/AWARDS

- Mehdi Ali Mirza Architectural Award for Academic Excellence in 1989, Institute of Architects Pakistan.
- Faculty's Gold Medal Award for obtaining First Class Position in B.Arch. from NED University, Karachi in 1989.
- “Best Community Project Award” of Junior Chamber International in the JCI World Congress, Helsinki, Finland in 1991.
- High Honours in the Masters’ Degree (M.C.P.) in 1992.
- United Nations Fellowship to participate in the 21st International Course on Regional Development Planning, UNCRD Headquarters, Nagoya, Japan in 1993.
- Partial Scholarship by Aga Khan Trust for Culture, Geneva to attend the IEP at Harvard University, Cambridge, USA, 1999
- APNS Award for Best Investigative Report on Environment and Development (published in Daily DAWN), All Pakistan News Paper Society, 2010; *award received from President of Pakistan.*
- Dr. Akhter Hameed Khan Memorial Award by Council of Social Sciences-Pakistan for the best research based book titled ‘Water Supply in Karachi: Issues and Prospects’ published by Oxford University Press, Karachi, 2009
- Best University Teacher Award, December 2010 awarded by Higher Education Commission, Government of Pakistan, Islamabad
- Best Research Paper Award by NED Alumni Association of Southern California, 2013.

4. WORKING EXPERIENCE AND CURRENT OCCUPATION

- Research Associate, Dawood College - Aga Khan Program for Architecture and Urban Design, January 1990 - August 1990.
- Lecturer, Department of Architecture and Planning, Dawood College of Engineering and Technology, Karachi, November 1992 – April 2000.
- Faculty Member and Coordinator, Urban Design Graduate Programme, Department of Architecture and Planning, Dawood College of Engineering and Technology, Karachi. November 1992 – April 2000.
- Associate Professor and Chairman, Department of Architecture and Planning, NED University of Engineering and Technology, Karachi, April 2000 – April 2004.
- Professor and Chairman, Department of Architecture and Planning, NED University of Engineering and Technology, Karachi, May 2004 – September 2010.
- Meritorious Professor and Chairman, Department of Architecture and Planning, NED University of Engineering and Technology, Karachi - September 2010 onwards.

5. RESEARCH, ACADEMIC AND PROFESSIONAL INVOLVEMENTS

- Editor, Young Professionals Newsletter of the Asian Coalition for Housing Rights (ACHR), Bangkok, Thailand.
- Founder and coordinator, Young Professionals Training Unit (YPTU). An NGO aiming to provide training and exposure opportunities to young professionals in the community development initiatives with particular reference to socio-economic studies.
- Consultant to various national and international organisations on developmental projects, programmes and issues with emphasis on socio-economic development.
- Trustee, Professor Kausar Bashir Ahmad Centre for Architectural Education and Research (KBA-CARE).

6. RESEARCH, CONSULTANCIES AND PROFESSIONAL ASSIGNMENTS

- Karachi scenario of industrial planning - case study of Landhi Korangi Industrial Area; *Dawood College - Aga Khan Program for Architecture and Urban Design, Karachi, 1989.*
- Documentation of slum up-gradation project, Lyari, Karachi; *United Nations Centre for Regional Development, Nagoya, Japan, 1990.*
- State and NGO based developments in squatter settlements - case of Essa Nagri, Karachi; *Dawood College - Aga Khan Program for Architecture and Urban Design, Karachi, 1990.*
- Study of metropolitan management, case of Karachi; *(Self motivated study), 1992.*
- Karimabad Planning Project-Karimabad, Hunza (with M/s. Arif Hasan and Reza Ali); *Aga Khan Historic Cities Support Programme (AKHCSP), 1993.*
- Monitoring and evaluation systems of housing programmes in Karachi; *United Nations Centre for Regional Development, Nagoya, Japan, 1993-94.*
- Development planning of five secondary cities of Sindh (Thatta, Badin, Naushahro Feroze, Dadu and Mithi) in association with M/s. Osmani & Company, Karachi including preparation of socio-economic profile of the cities; *Town Planning Department, Government of Sindh, Hyderabad, 1993-95.*
- City Paper on Karachi (highlighting the planning, development, socio-economic development, management and environmental issues); *Asian Development Bank/Karachi Metropolitan Corporation, 1994.*
- Redevelopment of Mostar, Bosnia Herzegovina; *Research Centre for Islamic History, Arts and Culture (IRCICA), Istanbul, Turkey. (Affiliate organ of the Organisation of Islamic Conference), 1994-95.*
- Video documentation of socio economic and environmental conditions of the Ismaili communities in rural Sindh; *Aga Khan Housing Board for Pakistan, 1995.*
- Ecological monitoring of re-settlement in bridge construction projects - case of Rashid Minhas Road, Karachi (studies included base line information collection and detailed socio-economic analysis); *Executive, Planning and Coordination (EXPACO) Government of Sindh (in association with the World Bank), 1995-96.*
- Re-settlement impact assessment study on Karachi Northern Bypass; *National Engineering Services of Pakistan (NESPAK), 1996.*
- Evaluation of the Asian Development Bank funded Karachi Urban Development Project (as associate of Development Consortium, Karachi); *Asian Development Bank, Manila, 1996.*
- Preparation of a travelling exhibition on Orangi Pilot Project and 'Khuda-ki-Basti' (Incremental Housing Scheme) for United Nations Conference on Human Settlements, Istanbul; *Orangi Pilot Project and SAIBAN, 1996.*
- Public private partnerships in land supply for housing - case of Pakistan (as associate of Geoffrey Payne and Associates, UK); *Department for International Development, Government of the United Kingdom, 1997.*
- Metropolitan planning and governance in Asia and the Pacific - case of Karachi; *United Nations Centre for Regional Development, Nagoya, Japan, 1998.*

- Evaluation of low cost sanitation programme of Orangi Pilot Project, Karachi and impacts on socio-economic development;
Regional Water and Sanitation Group - South Asia, The World Bank, 1998.
- Study of performance indicators of infrastructure project in Karachi;
Water, Engineering and Development Centre (WEDC), UK, 1998.
- Field Note on water vending in Karachi for low income groups and impacts on socio-economic development;
Water and Sanitation Group - South Asia, The World Bank, 1998-99.
- Study of the dynamics, social and economic impacts of privatisation of water and sanitation sector - case of Karachi;
Water, Engineering and Development Centre (WEDC), UK, 1999.
- Study of Physical, Social and Environmental changes in Katrak Parsi Colony, M.A. Jinnah Road, Karachi;
Parsi Community residing at Katrak Parsi Colony, Karachi, 1999.
- Mid Term Review, Monitoring and Final Evaluation of Quetta Katchi Abadis Environmental Programme;
Royal Netherlands Embassy, Islamabad 2000-2002.
- Evaluation of the DFID funded Capacity Building Project for Sarhad Rural Support Programme (as a team member of Arjumand and Associates, Islamabad);
Department for International Development, UK Government, Islamabad Office 2004.
- Institutional Analysis of Water Sector in Karachi, Water and Sanitation Programme, World Bank Islamabad, 2007
- Health Care Waste Management in Pakistan: Case Study of Karachi; Study undertaken for WASTE, Gouda, the Netherlands, 2008
- Hyderabad Master Plan (2007-2008) as Team Leader of Planning Team, M/s Osmani and Company (Pvt.) Ltd., District Government, Hyderabad, 2008-2010
- UN HABITAT sponsored City Planning Project for Eight Cities in Pakistan, 2011 onwards as Team Leader
- Partial input to the feasibility study report on Pakistan Trade Information Gateway Realtime Exchange Project to streamline the flow of goods and transportation equipment starting from the landside of Karachi terminals for M/s LMKR Pakistan, 2011
- Karachi Land and Housing Study, *International Institute for Environment and Development*, London 2012-13 in association with Mr. Arif Hasan.
- Pakistan Housing Appraisal Study, *World Bank Islamabad Office* and *Washington* 2013.
- Contestation of Space and Safety and Security Issues in Karachi; research undertaken for *International Institute for Environment and Development*, UK 2013-15.

7. PROFESSIONAL JOURNALISM

- Contributed more than 600 articles and pieces on broader developmental issues as well as socio-economic studies in leading newspapers of Pakistan (mainly DAWN, the NEWS and EXPRESS TRIBUNE).
- Articles/papers in ARCHI-TIMES, monthly newsletter of Architecture and Planning.
- Articles and papers to Water Lines, Water Policy, Environment and Urbanization, ICE Proceedings – Urban Design and Planning and Regional Development Dialogue, journals published by Intermediate Technology Publications, UK and United Nations Centre for Regional Development, Nagoya, Japan respectively.

8. PROFESSIONAL ADVICE

Give voluntary professional advice to government agencies such as Planning Commission, Government of Pakistan; Planning and Development Department, Government of Sindh; Karachi Metropolitan Corporation; Karachi Water and Sewerage Board (KWSB), Sindh Building Control Authority (SBCA); many non governmental organisations (NGOs) and Community Based Organisations (CBOs).

9. COLLABORATIVE RESEARCH

- Undertook research assignments on various developmental, socio-economic and environmental topics in collaboration with Massachusetts Institute of Technology, USA; Oxford Brookes University, UK; University of North London, UK; Mimar Sinan University, Istanbul, Turkey; Development Planning Unit, University College, London and Loughborough University, UK and International Institute for Environment and Development (IIED), London, UK.
- Have attended and presented at many conferences all across the globe including USA, UK, Turkey, Thailand, Belgium, Netherlands, Bosnia and Hercegovina, Cambodia, Malaysia, UAE and Japan.

10. SELECTED PUBLISHED PAPERS

- **“Trends in Modern Housing – An Affair with Illusions?”** in Habitat – Pakistan, Issue No. 13, pp. 13-17, 1989.
- **“City Profile with Respect to Planning Governance - Karachi Metropolitan Area, Pakistan”** in Metropolitan Governance and Planning in Transition: Asia Pacific Cases, Josefa S. Edralin (Editor), UNCRD Research Report Series No. 31; Nagoya: United Nations Centre for Regional Development, 1998.
- **“Progress in Solar Water Disinfections (SODIS)”** 24th WEDC Conference Proceedings, Water, Engineering and Development Centre, Loughborough University, UK – Conference held in Islamabad, 1998; pp. 365-369.
- **“Public Private Partnerships in Pakistan”** in Making Common Ground, Geoffrey Payne (Editor); London: Intermediate Technology Publications, 1999.
- **“Parks and Open Spaces in Karachi – A Contextual Perspective”** in Landscaping Parameters, Sumer Gurel et.Al. (Editors); Karachi: APPC 1994.
- **“Planning and Development of Industrial Locations in Karachi During the Post Independence Period”**, Karachi: APPC, 1994.
- **“Monitoring and Evaluation System for Housing Programmes in Karachi”** in Architecture and Planning Journal, APPC-DCET, Karachi, pp.9-28, 1995.
- **“Urban Organic Waste Management in Karachi, Pakistan”** 28th WEDC Conference Proceedings, Water, Engineering and Development Centre, Loughborough University, UK – Conference held in Kolkata, 2002.
- **“Alternate Water Supply Arrangements in Peri Urban Localities: Awami (People’s) Tanks in Orangi Township, Karachi”** in Environment & Urbanization, Vol. 15, No. 2, October, 2003, pp.33-42 (with Dr. Mohammad Sohail).
- **“Globalisation and Heritage – Some Perspectives”**, paper presented and published in the proceedings of the First International Conference on Heritage, Globalisation and Built Environment, organised by Bahrain Society of Engineers, Government of Bahrain and the University of Bahrain (06-08 December 2004).
- **“A Semi-Autonomous Urban Water Management System: Retail Beneficiaries of Bulk Water Consumers in Karachi”**, paper presented and published in the proceedings of 32nd WEDC International Conference, Colombo, Sri Lanka 13-17 November 2006.

- **“Assessing the Urban Development Projects in the Current Decade in Karachi, Pakistan”**, paper published in the proceedings of International Civil Engineering Education Congress 2006, Angeles University Foundation, Angeles City, Philippines.
- **“Karachi in 2020: Approaching Planning as a Project”** paper published in ICE Journal pp. 123-129, 2008.
- **“Institutional Reforms In The Water Supply Arrangements In Karachi, Pakistan”** paper published in ICE Journal, Vol. 162, Issue 3, pp. 171-178, 2009
- **“Using Baseline Study to Evolve a Reforms Agenda in Urban Water Supply: Case of Sindh Province in Pakistan”**, paper accepted for 38th WEDC International Conference, Water, Sanitation and Hygienic Services Beyond 2015, Loughborough University, UK 27-31 July 2015.

11. SELECTED BOOKS

- Water Supply in Karachi: Issues and Prospects (published by Oxford University Press, Karachi 2008)
- Privatization of KWSB – An Analysis, Karachi: City Press, 2000.
- The KBA Chronicle (published by Department of Architecture and Planning, NED University, Karachi 2012)
- Karachi Through the Prism of Urban Design (co-author with Asiya Sadiq, Suneela Ahmed and Masooma M. Shakir), monograph published by Department of Architecture and Planning, NED University, 2015.
- Karachi: The Land Issue’ (co-author with Arif Hasan, Asiya Sadiq, Saeeduddin Ahmed, Mansoor Raza and Moiza B. Sardar); Oxford University Press, Karachi 2015.

12. EDITOR OF RESEARCH JOURNALS

- Editor of Architecture and Planning Journal
Published by Department of Architecture and Planning, Dawood College of Engineering and Technology, Karachi – Issue 01 and 02 (1994-95 and 1996)
- Editor of Journal of Research in Architecture and Planning, NED University – Founded the Journal in 2001 and is the Editor to date (14 Volumes)
- Editor of the Proceedings of Seminars in Urban and Regional Planning – held since 2004 with the assistance of HEC, Proceedings published as Peer Reviewed Monographs

13. PUBLIC AND PROFESSIONAL SPEAKING

Regular speaker, panelists and lecturer at National Institute of Management; other institutions include Indus Valley School; Karachi National College of Arts; Institute of Architects – Pakistan; SHEHRI-CBE; Urban Resource Centre; Institution of Engineering – Pakistan; SZABIST and many others.

14. SELECTED BOOK CHAPTERS AND MONOGRAPHS

- “Public Private Partnerships and the Poor – Case Report-1: Karachi, Pakistan”, WEDC, Loughborough University, United Kingdom, 2003, 38 pages.
- “Public Private Partnerships and the Poor – Case Report-2: Bulk Water Consumers of the Karachi Water and Sewerage Board”, WEDC, Loughborough University, United Kingdom, 2003, 35 pages.
- “Half a Century of Trends” in Karachi – Mega City of Our Times, Hamida Khuhro and Anwer Mooraj (Editors); Karachi: Oxford University Press, 1997 (Second Edition 2007).

- “Re-Building Mostar: A Replicable Framework for the Redevelopment of Bosnian Cities” in Architectural Heritage Today, Program Report, Istanbul: Research Centre for Islamic History; Arts and Culture, 1995.
- “Public Private Partnerships and the Poor – Case Report-3: Awami (People’s) Tanks in Orangi Town, Karachi, Pakistan”, WEDC, Loughborough University, United Kingdom, 2003, 92 pages.
- “Public Private Partnerships and the Poor – Case Report-4: Awami (People’s) Tanks Revisited”, WEDC, Loughborough University, United Kingdom, 2003, 53 pages.
- ‘Local Governments in Pakistan’ in Local Governments in Asia and Pacific, edited by Dr. Ghulam Shabbir Cheema, published by United Nations University, Tokyo, 2013.
- ‘Reading Islamabad: High Dreams and Stark Realities’, The Emerging Asian City – Concomitant Urbanities and Urbanisms, edited by Prof. Vinayak Bharne, published by Routledge, New York 2012.

15. RESEARCH GRANTS AND PROJECTS

- Asia Link Programme, European Union, Brussels, 2004-2007
- Asia Urbs Programme, European Union, Brussels, 2005-2007
- UN Habitat Sustainable Urbanization Programme, 2011-2012
- IIED Research on Land for Housing in Karachi, 2013
- IIED Research on Contestation for Spaces in Karachi, 2014

16. MEMBERSHIPS AND ASSOCIATIONS

- Member, Asian Coalition for Housing Rights, Bangkok, Thailand.
- Member, Executive Committee, Urban Resource Centre, Karachi.