



Ar. Mujtaba Ahsan, Arch.D, MIAB, CEA
Assistant Professor, Department of Architecture, North South University
Plot-15, Block-B, Bashundhara R/A, Dhaka 1229, Bangladesh
Room: SAC 910. Tel: 8852000 Ext. 1854, Fax: 8852600
Mobile: +8801714096566, +8801828183859
Email: mujtaba@northsouth.edu, ar.mujtaba.ahsan@gmail.com

SERVICES EXPERIENCE:

1. **Full-time faculty member** teaching undergraduate courses at the Department of Architecture since Fall 2006 (Senior Lecturer from 2006 to 2007, and Assistant Professor from 2008 to 2016)
2. Acted as **Member of NSU Syndicate** during the period of 2013 and 2014
3. Acted as the **Chairman of the Department of Architecture** during the period of 2013 to 2015
4. Acted as **member Academic Council**, NSU
5. **Acted as Sub-Project Manager of UGC/HEQEP Project** on the establishment of the Sustainable Design & Green Building Lab at the Department of Architecture, North South University with funding from the UGC/HEQEP/NSU under the Project Building Technology & Material Research Lab (CP449).
6. **Established rain center**, while as chairman, with sponsorship of Water Aid Bangladesh in the Department of Architecture, obtaining financial fellowship for training in the WaterAid run programs on water recycling and rainwater management for faculty members.
7. **Achieved registration** of NSU, B.Arch. program (after BUET and RUET) with the Supreme Education Council of Qatar and Qatar's Urban Planning and Development Authority (UPDA) - Engineering Committee during tenure as chairman during 2013 - 2015. NSU architecture graduates are now able to register and practice in Qatar.
8. **Organized Seminar** jointly with North South University, Department of Architecture, BTMRL Lab, the Institute of Architects Bangladesh (IAB) & the Housing & Building Research Institute (HBRI) of the Government of the Peoples Republic of Bangladesh with representation and joint financial support of the International Finance Corporation (IFC), UK Aid and European Union at the hotel Sonargaon in December 2012
9. **Organized participatory workshop** in 2015 for Architecture Department core faculty members at the Gardenia – the Grand Hall in Gulshan, to develop the department's mission, vision and goal statement for North American accreditation.
10. **Mission, vision and goal statement:** formulated the Department's mission, vision and goal statement in line with the NSU institutional goals and program goals, through a two-days participatory workshop involving all core faculty members of the Department.
11. **Advisory committees:** formed an Architecture Department Alumni member's association (NSUAAA) and alumni committee and an industrial advisory committee
12. **Revised architecture curriculum** for UGC approval with initial alignments with the university wide curriculum and second time revision following UGC recommendations.
13. **International Seminar:** actively worked under Prof. Mahbubur Rahaman in the joint NSU Architecture and the British Council organized seminar and Book Publication from UNESCO where, also contributed as co-author of book chapter (2009) on Dhaka Ahsan Manjil.

14. **Member Accreditation Guideline Formulation Committee:** Acted as the Representative from the Department of Architecture, North South University in the Accreditation Guidelines Formulation Committee of the Institute of Architects Bangladesh – with particular contribution in the development of architecture curriculum evaluation guidelines in Bangladesh for IAB
15. **Achievement of IAB Accreditation:** actively compiled and filed all Accreditation Documents conforming with Accreditation Guidelines and necessary curriculum reorganization in collaboration with other faculty members for submission to the Institute of Architects Bangladesh for the accreditation of the NSU Architecture Program. Architecture program obtained IAB Accreditation as a follow up in 2010.
16. **Department Activities:** organized Architecture Week Programs from the Architecture Department, Study Tours and Field Trips, Guest Lectures, Musical soiree, Iftar Mahfil programs and various student activities.
17. Established and designed research website www.archiresearch.com, the web based research portal of the Department of Architecture under the HEQEP project in collaboration with IT department.

ACADEMIC QUALIFICATION:

18. **(2006) Doctorate in Architecture, USA,** University of Hawaii at Manoa, School of Architecture, Degree Fellow, East West Center, USA

Doctorate Thesis: **A Regional Application of Sustainable Architecture: Principles & Practices for an Urban Neighborhood Design in Bangladesh.** Supervisors: David C. Rockwood (Associate Dean & Associate Professor, UH Manoa), Joyce M. Noe, FAIA (Professor, UH Manoa), Marja Sarvimaki, Ph.D, (Assistant Professor UH Manoa), Scott Dunlap, AIA (Managing Director, GENSLER, San Francisco) & John Thiele, AIA (Design Director, GENSLER, San Francisco. 2000 – 2005)

19. **(2000) Bachelor in Architecture (B.Arch)**
Bangladesh University of Engineering & Technology (BUET), Distinction: First Class 2nd Position in Class

Other qualification

20. **Certificate Training as Energy Auditor**
Obtained professional certificate from the USAID funded program, Catalyzing Clean Energy in Bangladesh (CCEB) by the Association of Energy Engineers, USA under its first certification program in Bangladesh, and obtained qualification as Certified Energy Auditor (CEA) and membership in the International Association of Energy Engineers by completing courses and exams.

AWARDS AND HONORS:

21. (2013-14) **Research Grant (NSU)** – Principal Researcher, Energy Auditing and Green Campus Building of North South University
22. (2011-2012) UGC/HEQEP/NSU **Project Grant (CP-449)** Building Technology & Material Research Lab as Sub-Project Manager
23. (2000) **Research Grant**, Principal Researcher, the Grameen Trust, Program for Research on Poverty Alleviation (PRPA), Topic: Integrating Terra Cotta with the Building Industry – an Effort to Revive the Dying Trade & Economic Uplift of the Village Potter.

24. (2006) **Tau, Sigma, Delta**
National Honor Society for Architecture and Allied Arts, University of Hawaii at Manoa, USA
25. (2006) **Student Marshall**
95th Annual Commencement, University of Hawaii at Manoa, USA
26. (2005) **Distinguished Service Award**
East West Center, USA
27. (2003) **Degree Fellowship**
East West Center, USA/ ADB-JSP Program
28. **Sharfuddin Scholarship**
BUET, for highest performance in class till the Fourth Year
29. **Merit Scholarships**
From BUET for top three/five academic performers in class

AFFILIATIONS:

30. (Since 2000) **Full Member**, Institute of Architects, Bangladesh (A 215)
31. (Since 2014) **Member**, Association of Energy Engineers (AEE), Atlanta, USA
32. (Since 2006) **Member** Japan-ADB Scholarship Alumni Association (JASAA)

TEACHING EXPERIENCE:

33. (2008-Date) **Assistant Professor, North South University**, Department of Architecture
Plot-15, Block-B, Bashundhara R/A, Dhaka 1229, Bangladesh
34. (2006-2007) **Senior Lecturer, North South University**, Department of Architecture
Plot-15, Block-B, Bashundhara R/A, Dhaka 1229, Bangladesh
35. (Spring 2006) **Design Studio Teacher**, Bachelor of Architecture Program/ Graduate Assistance, University of Hawaii at Manoa, School of Architecture, USA
36. (Fall 2005) **Teaching Assistant**, University of Hawaii at Manoa, School of Architecture, USA
37. (2000-3) **Lecturer**, Department of Architecture, the University of Asia Pacific, Block E, House 51, Road 4A, Dhanmondi R/A, Dhaka 1209, Dhaka

RESEARCH EXPERIENCE:

38. (2013-14) **Principal Researcher**
North South University Research Grant: Energy Audit and Green Campus Building of North South University Permanent Campus at Bashundhara
39. (2011 – 2012) **Sub-Project Manager**
(CP-449) Building Technology & Material Research Lab, Funded by the World Bank and Higher Education Quality Enhancement Project/ University Grants Commission – North South University

40. (2007-2008) **Research Consultant**
Housing and Building Research Institute, Government of the People's Republic of Bangladesh. Project: A Study on Eco-Housing, Ferro Cement Floating House and Polymer in Cement Concrete Using Indigenous Material
41. (2000-2001) **Principal Researcher**
Funded by the Grameen Trust, Program for Research on Poverty Alleviation. Topic: Application of Terra Cotta in the Building Industry: An Effort to Revive the Dying & Economic Uplift of the Village Potter

PUBLICATIONS

42. (2015) AHSAN, Mujtaba, RAJ, Shahriar Iqbal & RAHMAN, Nafizur. *ECO-HOUSING: PROTOTYPICAL EXAMPLES FOR RURAL BANGLADESH* in Cucinella, Mario, Pentalla, Giulia, Fagnani Alba and D'Ambrosio, Luca (ed), PLEA2015 Architecture in (R)Evolution – Book of Abstracts, 31st International PLEA Conference, Bologna, 9-11 September 2015.
43. (2013) AHSAN, Mujtaba, HOQUE, Mozammel & RAJ, Shahriar *BANGLADESH BANK HEAD OFFICE – A CASE FOR ENERGY BASED DESIGN IN BANGLADESH* in Osman, Showkat, et.a. (ed), Proceedings of the International Conference on Climate Change Impact and Adaptation, 14-16 November 2013, I3CIA-2013. Center for Climate Change and Sustainability Research (3CSR), Department of Civil Engineering, DUET. pp. 799-810.
44. (2012) AHSAN, Mujtaba, IQBAL, Shahriar Raj, HOSSAIN, Maruf & KUNDU, Amity *ARCHITECTURE PROGRAM STRUCTURE IN BANGLADESH: A CRITICAL STUDY*. International Seminar on Architecture: Education Practice and Research, Department of Architecture, Bangladesh University of Engineering and Technology, Dhaka-1000, Bangladesh.
45. (2011) AHSAN, Mujtaba & RAHMAN, Nafizur *ECO-HOUSING: MATERIAL TECHNOLOGIES FOR A SUSTAINABLE BUILT ENVIRONMENT*. International Conference on Engineering Research, Innovation and Education: CERIE 2011, 11-13 January, SUST, Sylhet, Bangladesh
46. (2010) AHSAN, Mujtaba, RAHMAN Nafizur & SALAM, Abdus *INDIGENOUS HOUSING FOR DISASTER PRONE AREAS: CURRENT AND FUTURE TREND*. Seminar on Risk Resilience Infrastructures: Role Of Education And Training, BUET-Japan Institute of Disaster Prevention & Urban Safety (BUET-JIDPUS) and CDMP, November 13-14, 2010.
47. (2009) RAHMAN, Mahbubur & AHSAN, Mujtaba *THE NAWABS AND THE AHSAN MANJIL: THE SOCIETY, POLITICS, ARCHITECTURE AND CONSERVATION* in Old but New: New but Old. Architectural Heritage Conservation. UNESCO. (Book Chapter)
48. (2009) AHSAN, Mujtaba *STUDY ON ECO-HOUSING, FERRO CEMENT FLOATING HOUSE AND POLYMER IN CEMENT CONCRETE USING INDIGENOUS MATERIAL. Final Report. Housing & Building Research Institute (HBRI), Dhaka.*
49. (2009) AHSAN, Mujtaba & RAHMAN, Nafizur *ECO-HOUSING in Research & Development Program, Annual Report 2007: the Year in Review. Dhaka: Housing & Building Research Institute, 2009. Pp. 9-16.*
50. (2007) AHSAN, Mujtaba & RAHMAN, Mahbubur *ARCHITECTURE ADDRESSING POVERTY: EMERGING ISSUES IN BANGLADESH* in *Architecture for the Economically Disadvantaged. International Seminar. Dhaka: Bangladesh University of Engineering & Technology, 23-24 March, 2007. pp-36-42*

51. (2007) AHSAN, Mujtaba & RAHMAN, Mahbubur
EMERGING ISSUES IN ARCHITECTURE in Society Architects and Emerging Issues in Architecture. 18th CAA Conference, Dhaka 2006. Dhaka: Commonwealth Association of Architects (CAA) and Institute of Architects Bangladesh (IAB), 2007. pp.153-160
52. (2001) AHSAN, Mujtaba
INTEGRATING TERRACOTTA WITH THE BUILDING INDUSTRY: AN EFFORT TO REVIVE THE DYING TRADE & ECONOMIC UPLIFT OF THE VILLAGE POTTER, in Ahmed, K. Iftekhar (ed.) Low-Income Housing: Multi Dimensional Research Perspectives. Dhaka: Grameen Trust, 2001. pp-74-82 (BOOK CHAPTER)
53. (2013) AHSAN, Mujtaba & RAHMAN, Nafizur
ECO HOUSING IN BANGLADESH: THE HOUSING & BUILDING RESEARCH INSTITUTE EXPERIENCE. CAA Conference, Dhaka: Architecture Response and Responsibility. Commonwealth Association of Architects (CAA), 2013. (Abstract, CD).

WORKSHOPS/ SEMINARS/ VOLUNTEER ACTIVITIES:

54. (2012) Chief Organizer & one of three Major Presenter Groups. Jointly organized by North South University Department of Architecture, the Institute of Architects Bangladesh (IAB) & the Housing and Building Research Institute (HBRI), Government of the Peoples Republic of Bangladesh. *Seminar on Public Private Dialogue: Sustainable Architecture & Green Building Initiatives in Bangladesh, with financial sponsorship of UGC/HEQEP/NSU Project, BTMRL (CP449), the International Finance Corporation (IFC), UK Aid and European Union.*
55. (2011) Training Workshop: Performance Based Design: Introduction to Computer Based Lighting Simulation Techniques. *BUET-GIZ Project. June 2011*
56. (2009) Seminar: A Study on Eco-Housing, Ferro-Cement Floating House and Polymer in Cement Concrete Using Indigenous Material (January 9). *Organized by the Housing & Building Research Institute (HBRI)*
57. (2008) National Workshop on Eco-Housing/ Green Building
Jointly organized by the UNEP & Ministry of Environment, Government of Bangladesh
58. (2007) Old But New New But Old: Workshop on Urban Conservation/Regeneration
British Council and North South University, 15-17 March 2007
59. (2004) High Performance Schools Workshop (CHPS)
Pacific Energy Center, San Francisco, California, 3 November 2004
60. American Institute of Architects Continuing Education Classes
Basics of Photovoltaic (PV) Systems for Commercial Applications, Specifying Direct Digital Controls and DDC Online, Controls for Day lighted Spaces: A Case Study Approach, Building Integrated Photovoltaics (BIPV), HVAC Fundamentals: New Ideas for Novices, Fuel Cells for Commercial Buildings
61. (2004) American Institute of Architects
San Francisco Home Tours, Volunteer Docent, Lounibos/Perry Residence
62. (2004) Habitat for Humanity
Honolulu, Hawaii, Volunteer Construction Worker at Papanui Construction Site

PROFESSIONAL EXPERIENCE:

63. **(2012) Green Building Advisor**
United States Green Building Council administered Leadership in Energy & Environmental Design (LEED) Platinum Certificate Pursuing first commercial green building project in Bangladesh, Cityscape

International Ltd.

64. **(2007-8) Research Project Consultant**

Eco-Housing Research Project, Housing & Building Research Institute (HBRI) Government of the Peoples' Republic of Bangladesh (July 2007 – December 2008)

65. **(2004) Internship**, GENSLER, 3rd top ranking interior design and 5th ranking architectural firm in USA

2 Harrison St. San Francisco, California, American Institute of Architects Professional Internship/training – IDP credit

66. **(2004) Internship**, Kober, Hanssen, Mitchel (KHMA) Architects

Merchant Street, Honolulu, Hawaii, USA, American Institute of Architects Professional Internship/training – IDP credits

67. **(2000) M.A. Saud & Partners**, Dhaka – Design Architect