

**BANGLADESH UNIVERSITY OF ENGINEERING AND TECHNOLOGY  
(BUET), DHAKA-1000, BANGLADESH**

**Curriculum Vitae**

1. **NAME:** Dr. Zebun Nasreen Ahmed
2. **Designation:** Professor
3. **Department:** Architecture
4. **E.mail:** [znahmed@arch.buet.ac.bd](mailto:znahmed@arch.buet.ac.bd), [znahmedarch@gmail.com](mailto:znahmedarch@gmail.com)
5. **Education**

Degree Examination	Institution	Class/ Div	Year
PhD Doctor of Philosophy	De Montfort University, Leicester, England, in collaboration with University of Sheffield, Sheffield, England		December 1994
M.Phil Master of Philosophy	Sheffield City Polytechnic in collaboration with University of Sheffield, England		October 1987
B. Arch Bachelor of Architecture	Bangladesh University of Engineering and Technology, Dhaka, Bangladesh.	First (2 <sup>nd</sup> position in class)	1981
H.S.C. Higher Secondary Certificate	P.E.C.H.S College, Karachi, Pakistan	First	1973
S.S.C. Secondary School Certificate	P.E.C.H.S School, Karachi, Pakistan	First	1971

- Details of PhD research: (completed in December 1994)  
Title: Assessment of Residential Sites in Dhaka with respect to Solar Radiation Gains, December 1994, Department of Building, De Montfort University, Leicester, England, collaborating establishment, University of Sheffield.
- Details of M.Phil research: (completed in October 1987)  
Title: The Design and Location of Windows for Buildings in Bangladesh, October 1987, Department of Building Science, Sheffield City Polytechnic, England, collaborating establishment, University of Sheffield.
- Details of B.Arch research: (completed in June 1981)  
Title: Embassy Complex for the Kingdom of Saudi Arabia, at Baridhara, Dhaka, Dept. of Architecture, Bangladesh University of Engineering and Technology, Dhaka, Bangladesh, June 1981

**6. Experience:**

Position	Organisation	Duration
Professor	Department of Architecture, Bangladesh University of Engineering and Technology, Dhaka	October 31, 2001 to date
Associate	Department of Architecture, Bangladesh University of	April 1996 to

Professor	Engineering and Technology, Dhaka	October 2001
Assistant Professor	Department of Architecture, Bangladesh University of Engineering and Technology, Dhaka	August 1989 to April 1996
Lecturer	Department of Architecture, Bangladesh University of Engineering and Technology, Dhaka	August 1988 to August 1989
Visiting Lecturer	Housing Studies for HND students, Sheffield City Polytechnic	January to July 1987
Assistant Architect	Urban Aesthetes Ltd, Architects, Engineers and Planners, Rd 6, Dhanmondi R/A, Dhaka	February 1983 to July 1984
Assistant Architect	Vastukalabid, Paribagh, Dhaka	July 1981 to August 1982

**7. Teaching activities undertaken (course and laboratory) at undergraduate and graduate levels since joining BUET in 1988**

<b>Title of Theoretical courses taught</b>	<b>Level /Term</b>	<b>hrs/week</b>
Thermal Environment in Built-forms, with workshop	Masters, T1	2+3
Luminous Environment in Built-forms, with workshop	Masters, T2	2+3
Environmental Design I: Climate and Design, compulsory theory	L1T2	2
Environmental Design II: Visual and Sonic Environment, compulsory theory	L2T1	2
Environmental Design III: Design in the Tropics, optional theory	L2T2	2
Music Appreciation, optional theory	L1T2	2

<b>Title of Sessional courses taught</b>	<b>Level /Term</b>	<b>hrs/week</b>
Design Studio V	L3T1	12
Design Studio VI	L3T2	12
Design Studio VIII	L4T2	15
Design Thesis (Final Year)	L5T2	15
Seminar, sessional	L5T1	3
Working Drawings II, sessional	L3T2	3
Cost Estimation, sessional	L3T1	3
Dissertation (with Design Thesis)	L5T2	3
Computer Applications	L2T1	3

**8. List of Publications**

**a) Book and Book Chapters**

1. Z.N. AHMED; Sustainability in the Built Environment of Bangladesh: Participation of Architects; Environmental Sustainability Concerns; Eds. M.M. Rahman, M.J.B. Alam, M.M.Ali, A.B.M.Badruzzaman and I.Smout; EEM-BUET, CERM-BUET, ITN-BUET, WEDC; September 2006; pp133-144
2. Z.N. AHMED; Low Energy Architecture: Residential Sector; Applied Energy Saving Technologies for Industrial, Commercial and Residential Sectors; Eds S.S. Ahmed and M. Obaidullah; Centre for Energy Studies, BUET; Dhaka; November 2004
3. Z.N. AHMED; Floods: No Cause for Complacency; Living With Floods, An Exercise in Alternatives; Ed I. Ahmed; The University Press Ltd; Dhaka; 1999 pp45-48

4. Z.N. AHMED, A.T. HOWARTH, K. LOMAS; Creation of Design tool for Passive, Architectural Control; Solar Architecture and Planning; Ed. S. Ghosh; Centre for Built Environment; Calcutta, India; 1997; pp145-152
5. Z.N. AHMED, K.I. AHMED; Poverty Alleviation in Bangladesh : Any Scope For Architects? Role of Engineers in Poverty Alleviation in Developing Countries; Ed. M.G. Mohiuddin; Palok Publishers and Institution of Engineers, Bangladesh; Dhaka; 1997; pp101-106
6. Z.N. AHMED; Temperature Standards for the Tropics? Standards for Thermal Comfort Indoor Air Temperature Standards for the 21st Century; Eds F. Nicols, M. Humphreys, O. Sykes and S. Roaf, Chapman and Hall; London; 1995; pp31-39
7. Z.N. AHMED; Ruplal House: A proposal for Renovation; Architectural and Urban Conservation in the Islamic World; The Aga Khan Trust for Culture; Geneva; 1990.

**b) Refereed Publications (*recognised and refereed journals/proceedings*):**

8. Z.N.AHMED; Building Regulation Changes: Effects on Residential Building Design in Dhaka for Energy Efficiency. CD proc. International Seminar on Well Being Indoors: Clima 2010; Turkey, 9-12 May 2010
9. Z.N.AHMED; Tracing Globalisation: reflections of changes in lifestyles in domestic architecture. *Protibesh*, Journal of the Dept. of Architecture, BUET, Vol.13-1,Jan09; Ed. F. Nilufar, January 2009, Dhaka. pp17-28
10. A.R.JOARDER; Z.N.AHMED; A.PRICE; M.MOURSHED; A Simulation Assessment of the Height of Light Shelves to Enhance Daylighting Quality in Tropical Office Buildings under Overcast Sky Conditions in Dhaka, Bangladesh. CD proc. Building Simulation 2009: Eleventh International Building Performance Simulation Association (IBPSA) Conference Glasgow, Scotland July 27-30, 2009. pp1706-1713
11. A.R.JOARDER; Z.N.AHMED; A.PRICE; M.MOURSHED; Daylight Simulation for Sustainable Urban Office Building Design in Dhaka, Bangladesh: Decision-making for Internal Blind Configurations. CD proc. SUE-MOT 2009: Second International Conference on Whole Life Urban Sustainability and its Assessment, Loughborough, UK. 22nd-24th April 2009. pp218-241
12. Z.N. AHMED; Architecture: adapting to climate change; proceedings Climate 2009: International Conference on Climate Change Impacts and Adaptation Strategies for Bangladesh; Dhaka. 18-19 February, 2009
13. Z.N. AHMED; G.S. ROY; Ventilation Potential: Examining the Effects of Growing Densification in the Tropics; CD proc. International Seminar on Well Being Indoors: Clima 2007; Finland, 10-14 June 2007
14. Z.N. AHMED; Increasing rural livability: coping with climate and flooding; proceedings International Seminar on Architecture for the Economically Disadvantaged; Ed. F.Nilufar; Department of Architecture, BUET; Dhaka; 23-24 March, 2007; pp50-57
15. Z.N. AHMED; A.R.JOARDER; An observation on Daylight Inclusion in the Lighting of Offices in Dhaka; *Protibesh*, Journal of the Dept. of Architecture, BUET, Vol 11-Jan07; Eds. ZN Ahmed, F Nilufar and N. Hossain; January 2007, Dhaka; pp

16. Z.N. AHMED; Natural ventilation in dense residential areas: studying alternatives; proceedings Seventh International Conference on Healthy Buildings 2003; Eds. T K Wai, C Sekhar; D Cheong; National University of Singapore, 7-11 December; 2003
17. Z.N. AHMED; Climate-responsiveness in Tall Residential Buildings of Tropical Cities; Proceedings International Conference on Architecture Overcoming Constraints; Department of Architecture, Bangladesh University of Engineering and Technology; Dhaka; Eds. Z.N.Ahmed, K.Maniruzzaman, R.Hafiz; 11-13 June 2003
18. Z.N. AHMED; The Effects Of Room Orientation On Indoor Air Movement In The Warm-Humid Tropics: Scope For Energy Savings; Journal of Energy & Environment; Vol 2, September 2002; Centre for Energy Studies; Bangladesh University of Engineering and Technology; pp 73-82
19. Z.N. AHMED; Architecture For The New Millennium; Theoretical Perspectives; Ed. I. Ahmed; Vols 7 & 8; Centre for Alternatives; University of Dhaka; 2000-01
20. Z.N. AHMED; Amenity Considerations and Aesthetics in Road Lighting; CIE x019-2001: Criteria for Road Lighting; Commission Internationale de l'Eclairage, CIE Central Bureau, Austria; 2001
21. Z.N. AHMED; Modernism in Architecture and its Aftermath; Theoretical Perspectives; Ed. I. Ahmed; Vol II No. 1; Centre for Research on Politics; University of Dhaka; September 1995; pp19-44
22. Z.N. AHMED, A.T. HOWARTH, J.ZUNDE; Thermal Comfort Studies and Applications in Dhaka, Technical Note; Journal of the Building Services Engineering Research and Technology, Chartered Institute of Building Services Engineers, (CIBSE) Vol. 11, No.3, London, U.K, 1990.
23. Z.N. AHMED; Conflicts and Compromises in Window Design, *Protibesh*, Journal of the Dept. of Architecture, BUET, Vol IV No.I; Eds. M.M. Ali, R. Hussain and N. Ahmed; December 1990, Dhaka.
24. Z.N. AHMED; Natural Ventilation: its Adequacy in Warm-Humid Climates, *Protibesh*, Journal of the Department of Architecture, BUET, Vol III No 2; Eds. M.M. Ali, R. Hussain and N. Ahmed; December 1989.
25. Z.N. AHMED, A.T. HOWARTH, J.ZUNDE; Thermal Comfort Studies and Their Applications in Dhaka City; Journal of the Institution of Engineers, Bangladesh, Vol 17, No 3-4, July-Oct 1989.
26. Z.N. AHMED; The Role of the Architect in Producing Thermal Comfort in the context of Existing Conditions in Dhaka, *Protibesh*, Journal of the Department of Architecture, BUET, Vol III; Eds. M.M. Ali, R. Hussain and N. Ahmed; June 1989, Dhaka.

**c) Conferences (*national and international conferences and seminars*)**

**i) Proceedings:**

27. Z.N.AHMED; Sustainability of Asian Cities: problems and prospects in Dhaka; 10th International Congress of Asian Planning Schools Association (APSA) – Future of Asian Cities; 24 -26 November, 2009, CEPT University, Ahmedabad, India
28. Z.N. AHMED; Sustainability in the Built Environment of Bangladesh: Participation of Architects; Abstracted in proceedings for International Seminar on environmental sustainability; organised by the Dept. of Civil Engineering, BUET; Dhaka; 7-9 January 2006
29. Z.N. AHMED; Creating Low-Energy Architecture: Reducing Dependency on Conventional Energy Sources in Urban Buildings; Symposium on Renewable Energy 2003; Institution of Engineers, Bangladesh; Dhaka, Oct 2003

30. Z.N. AHMED; Lighting in Rural Bangladesh: ensuring lighting rights; Proceedings Indian Society of Lighting Engineers 2002; New Delhi
31. Z.N. AHMED; Future of Rural Settlements in Bangladesh: Maintaining Sustainability; Proceedings International Conference on Renewable Energy for Rural Development; Eds. AKM Sadrul Islam, D.G. Infield; Department of Mechanical Engineering; Bangladesh University of Engineering and Technology and Centre for Renewable Energy Systems Technology, Loughborough; UK; Dhaka; 19-21 January, 2002
32. Z.N. AHMED, C.D. GOMES; Daylight Penetration in High-rise Residential Buildings of Dhaka: Evaluation and Analysis; Proceedings Prakash 1999, International Conference on Lighting Technology; October 29-31; 1999; New Delhi, India; pp216-224
33. Z.N. AHMED, M.HAQUE, T.H.KHAN; Lighting Environment in Office Buildings in Dhaka City; proceedings 4th SAARC Lighting Conference; January 28-30, 1999; Dhaka, Bangladesh.
34. Z.N. AHMED; Light - The Form Giver; proceedings on Lux Pacifica '97, 3rd Pacific Basin Lighting Congress; October 13-16, 1997; Nagoya, Japan; ppE233-237
35. Z.N. AHMED; Daylighting in Buildings in combination with Artificial Lighting Systems: Multi-topic Symposium '97, organised by the Institution of Electrical and Electronics Engineers, Pakistan (IEEEP); March 5-6, 1997, Karachi, Pakistan
36. Z.N. AHMED; Evaluating Standards and Understanding Implications of Daylighting; proceedings 3rd SAARC Lighting Conference; Nov 21-23, 1996; Kathmandu, Nepal; pp55-59
37. Z.N. AHMED; For Men May Come and Men May Go . . .; International symposium On Heating, Ventilation and Air-Conditioning; Tsinghua University; Beijing; China; Sept. 25-28, 1995; pp197-202
38. Z.N. AHMED; The Climatic Impacts of Residential High-Rise; International Conference on Tall Buildings. Dhaka, Bangladesh; organised jointly by the Institution of Engineers, Bangladesh, the Institute of Architects, Bangladesh and the Bangladesh Institute of Planners; Dhaka, June 16-17, 1993

**ii) Presentations:**

1. Z.N.AHMED. Applications of Renewable Energy in Architecture. National Seminar and Exhibition on Renewable Energy. University of Dhaka. April 3, 2010  
*Presented by Z.N. AHMED*
2. M.S.AMEEN, Z.N.AHMED, Z.ISLAM; Building Regulation Changes – Inception Report (Architecture Group). Workshop on Upgradation of Bangladesh National Building Code. Organised by HBRI, Dhaka, Bangladesh. February 13, 2010  
*Presented jointly*
3. Z.N.AHMED, M.M. HOSSAIN; Lighting and Space; Seminar on Usage of Efficient Lighting Products: Save Energy, Save Bangladesh; Phillips Lighting and Transcom Electronics; 9 January, 2010  
*Keynote Presented by Z.N. AHMED*
4. Z.N.AHMED; Sustainability of Asian Cities: problems and prospects in Dhaka; 10th International Congress of Asian Planning Schools Association (APSA) – Future of Asian Cities; 24 -26 November, 2009, CEPT University, Ahmedabad, India

*Presented by Z.N. AHMED*

*Chairperson in Session on Sustainability and Climate Change on 24 Nov and 25 Nov, 2009*

5. Z.N. AHMED; Architecture: adapting to climate change. Climate 2009: International Conference on Climate Change Impacts and Adaptation Strategies for Bangladesh; Dhaka. 18-19 February, 2009  
*Presented by Z.N. AHMED*
6. Z.N. AHMED; Increasing rural livability: coping with climate and flooding; International Seminar on Architecture for the Economically Disadvantaged; organised by the Department of Architecture, BUET; Dhaka; 23-24 March, 2007  
*Presented by Z.N. AHMED*  
*Chairperson in Session on Living Pattern and Life-styles*
7. Z.N. AHMED; A.R. JOARDER; Architecture and Electrical Engineering; Seminar on Architecture Appreciation for Engineers; organised by the Department of Architecture, BUET; Dhaka; 19 February, 2007  
*Presented by Z.N. AHMED*
8. Z.N. AHMED; Introduction to Research: Module A; Workshop on Research in Architecture; organised by the Department of Architecture, BUET; Dhaka; 27 January, 2007  
*Module Instructors: Z.N. AHMED, F. NILUFAR, K.S. AHMED and S. GHAFUR*  
*Workshop Convenor: Z.N. AHMED*
9. Z.N. AHMED; The Architecture of Energy Efficient Buildings; Short course on Applied Energy Saving Technologies for Industrial, Commercial and Residential Sectors; organised by the Centre for Energy Studies, BUET; Dhaka; 15-18 April 2006  
*Presented by Z.N. AHMED*
10. Search in Studios; Session VI SAARCH 2006; Assembly and Seminar: South Asian Architecture – Today and Tomorrow; March 31- April 2, 2006; BRAC Centre Inn, Dhaka; organised by the Institute of Architects, Bangladesh.  
*Chaired by Z.N. AHMED and Z. JAFFREY*
11. Z.N. AHMED; Sustainability in the Built Environment of Bangladesh: Participation of Architects; International Seminar on environmental sustainability; organised by the Dept. of Civil Engineering, BUET; Dhaka; 7-9 January 2006  
*Presented by Z.N. AHMED*
12. Z.N. AHMED; Low Energy Architecture: Residential Sector; Short course on Applied Energy Saving Technologies for Industrial, Commercial and Residential Sectors for allied Professionals; organised by the Centre for Energy Studies, BUET; Dhaka; November 2004 and April 2005  
*Presented by Z.N. AHMED*
13. Z.N. AHMED; Natural ventilation in dense residential areas: studying alternatives; Seventh International Conference on Healthy Buildings 2003; National University of Singapore, 7-11 December; 2003  
*Presented by Z.N. AHMED*
14. Z.N. AHMED; Creating Low-Energy Architecture: Reducing Dependency on Conventional Energy Sources in Urban Buildings; Symposium on Renewable Energy 2003; organised by Institution of Engineers, Bangladesh; Dhaka, Oct 2003  
*Presented by Z.N. AHMED*
15. Z.N. AHMED; Climate-responsiveness in Tall Residential Buildings of Tropical Cities; International Conference on Architecture Overcoming Constraints; organised by Department of Architecture, Bangladesh University of Engineering and Technology; Dhaka; 11-14 June 2003  
*Presented by Z.N. AHMED*

*Convenor, Technical Committee of the Conference*

16. Z.N. AHMED; Lighting rural Bangladesh: Target: Low-income rural housing; Presentation of final report on Research funded by Grameen Trust for Programme for Research on Poverty Alleviation; Dhaka; May 2002  
*Research Conducted and Presented by Z.N. AHMED*
17. Z.N. AHMED; Future of Rural Settlements in Bangladesh: Maintaining Sustainability; International Conference on Renewable Energy for Rural Development; organised by Bangladesh University of Engineering and Technology and Centre for Renewable Energy Systems Technology, Loughborough; UK; Dhaka; 19-21 January, 2002  
*Presented by Z.N. AHMED*
18. Z.N. AHMED; An Ode to Nature at Osmany Uddyan; roundtable organised by The Daily Star, an English Daily to protest cutting trees at a prominent park in Dhaka; Dhaka, 23 October, 2001  
*Presented by Z.N. AHMED along with students' work*
19. Z.N. AHMED; Water and Gender: Mapping and Identifying Gaps of Bangladesh's Water Partnership; Formulation of Vision Documents; LGED; November 14, 1999; Dhaka  
*Z.N. AHMED Moderator and presenter*
20. Z.N. AHMED, C.D. GOMES; Daylight Penetration in High-rise Residential Buildings of Dhaka: Evaluation and Analysis; Prakash 1999, International Conference on Lighting Technology; October 29-31; 1999; New Delhi, India  
*Presented by Z.N. AHMED.*  
*Assistant to Chairman in Session on Lighting Design and Application Problems in SAARC/ Developing Countries.*
21. Z.N. AHMED; Amenity Considerations and Aesthetics in Road Lighting; 24th CIE Session 1999; June 24-30, 1999; Warsaw.  
*Presented by Z.N. AHMED*
22. Z.N. AHMED, M.HAQUE, T.H.KHAN; Lighting Environment in Office Buildings in Dhaka City; 4th SAARC Lighting Conference; organised by Institution of Engineers and Illumination Society, Bangladesh; January 28-30, 1999; Dhaka, Bangladesh.  
*Presented jointly by the authors.*  
*Z.N. AHMED, Secretary, Technical Sub-committee*
23. Z.N. AHMED; Light - The Form Giver; Lux Pacifica '97, 3rd Pacific Basin Lighting Congress; October 13-16, 1997; Nagoya, Japan.  
*Presented by Z.N. AHMED*
24. Z.N. AHMED; Daylighting in Buildings in combination with Artificial Lighting Systems; Multi-topic Symposium '97, organised by the Institution of Electrical and Electronics Engineers, Pakistan (IEEEEP); March 5-6, 1997, Karachi, Pakistan  
*Presented by Z.N. AHMED*
25. Z.N. AHMED; Importance of Daylighting Design in Architecture, invited lecture in Dawood School of Architecture, NED; Karachi; Pakistan; Mar 4; 1997  
*Presented by Z.N. AHMED*
26. Z.N. AHMED; Daylighting Design: procedures and guidelines, invited lecture in Indus Valley of Art and Architecture; Karachi; Pakistan; Mar 3; 1997  
*Presented by Z.N. AHMED*
27. Z.N. AHMED; Evaluating Standards and Understanding Implications of Daylighting; 3rd SAARC Lighting Conference; organised by Nepal Lighting Society; Nov 21-23, 1996; Kathmandu, Nepal  
*Presented by Z.N. AHMED*

*Chairperson in Session on Safety and Lighting*

28. Z.N. AHMED, M.S. AMEEN; Rabindranath's Shelidah: Exploring Conservation Possibilities; Seminar on Architectural Conservation: Future of the Past; organised by Department of Architecture, Bangladesh University of Engineering and Technology; Dhaka; January 14-16, 1996  
*Presented jointly by the authors*
29. Z.N. AHMED; For Men May Come and Men May Go . . .; International Symposium On Heating, Ventilation and Air-Conditioning; Tsinghua University; Beijing; China; Sept. 25-28, 1995.  
*Presented by Z.N. AHMED*
30. Z.N. AHMED, A.T. HOWARTH, K. LOMAS; Creation of Design tool for Passive, Architectural Control; International Workshop on Solar Architecture and Planning; Centre for Built Environment and Birla Industrial and Technological Museum; Calcutta; Sept 8-10; 1995  
*Presented by Z.N. AHMED*  
*Speaker at inaugural session*  
*Discussant in session on conclusions and recommendations*
31. Z.N. AHMED; The Climatic Impacts of Residential High-Rise; International Conference on Tall Buildings. Dhaka, Bangladesh; organised jointly by the Institution of Engineers, Bangladesh, the Institute of Architects, Bangladesh and the Bangladesh Institute of Planners; Dhaka, June 16-17, 1993  
*Presented by Z.N. AHMED*
32. Z.N. AHMED, E. KEEBLE; Commentary On Methods of Selecting Climatic Data for Assessing Risk of Overheating in Naturally Ventilated Buildings; Calculation of the internal temperature of a room in the warm period; input from UK to work of CEN/TCB9/WG6, presented in Hamburg, Germany, April 1991  
*Presented by Eric Keeble*
33. Z.N. AHMED, I. AHMED, S.RAHMAN, A.IMAM; Workshop Report on Ruplal House: A proposal for Renovation; International Workshop on Architectural and Urban Conservation; Organised by The Aga Khan Trust for Culture; Dhaka; March 1989.  
*Presented by Z.N. AHMED*

**d) Research monographs, patents and other works completed and contributions in standard published books**

1. Editor, *Protibesh*, Journal of the Department of Architecture, BUET, Volume 11, No. 2; July 2009
2. Editor, *Protibesh*, Journal of the Department of Architecture, BUET, Volume 11, No. 2; July 2007
3. Editor, *Protibesh*, Journal of the Department of Architecture, BUET, Volume 11, No. 1; January 2007
4. Editor, Proceedings International Conference on *Architecture Overcoming Constraints*; Department of Architecture, Bangladesh University of Engineering and Technology; Dhaka; 11-13 June 2003
5. Z.N. AHMED, F. NILUFAR, MOBASHWERA; Basic Lessons Manual for Building Maintenance for Officers in Charge of Local Supply Depots; Ministry of Food; Food Godown Rehabilitation and Maintenance Training Pilot Project; Government of Bangladesh in collaboration with Grabowski and Poort; Den Hague; May, 1992.
6. Member, Editorial Board, BUET Convocation 2001 Souvenir: *Esho Nipo Boney*. January 2001.

**e) Non-referred Articles**

1. Z.N. AHMED; Energy Issues concerning architecture; Energy & Power; fortnightly magazine, Ed. M.M.A. Hossain. Vol 8, Issue 1, June 16-30. 2010. pp129-133
2. Z.N. AHMED; Greening Architecture; Institute of Architects (IAB) Newsletter; January 2010.
3. Z.N. AHMED; Workshop on Research in Architecture; *Protibesh*, Journal of the Department of Architecture, BUET; Eds. Z.N. Ahmed, F.Nilufar, N.Hossain; Vol 11, No. 1; Jan 2007
4. Z.N. AHMED; International Seminar on Architecture Overcoming Constraints: An Overview; *Protibesh*, Journal of the Department of Architecture, BUET; Eds. K.Rashid, K.S. Ahmed, S. Ghafur; Vol 9, No.1; July 2004
5. Z.N. AHMED; Floods 1998 and the Impending Winter; Grameen Poverty Research; Newsletter of the Programme for Research on Poverty Alleviation, Grameen Trust; Dhaka, October 1998
6. Z.N. AHMED; Floods: Causes; Grameen Poverty Research; Newsletter of the Programme for Research on Poverty Alleviation, Grameen Trust; Dhaka, October 1998
7. Z.N. AHMED, N. AHMED; Sonargaoner Pathey 'On way to Sonargaon': Architectural Commentary in Short film on Conservation of the Historical Area of Sonargaon; with Bangladesh Short Film Forum and Goethe Institute, Dhanmondi Dhaka; October 1996.
8. Z.N. AHMED, Dhaka Vs Development; Earth; Ed. M.Rahman; Issue 06; Spring 1996
9. Z.N. AHMED, Is Affordability a Measure of Appropriateness in Architecture? Earth; Ed. M.Rahman; Issue 04; Autumn 1995
10. Z.N. AHMED; Architectural Education: Introducing a Rural Base; Earth; Ed. M.Rahman; Volume 02, Issue 02; Summer 1995
11. Contemporary Architecture in Bangladesh, The Institute of Architects Bangladesh, Dhaka; 1990. Contributor
12. Z.N. AHMED; An overview of Activities of the Institute of Architects, Bangladesh, since Inception; Directory, The Institute of Architects, Bangladesh, March, 1990.

**f) Articles in the National Print Media**

1. Z.N. AHMED; How Green is Green? The Daily Star; An English Daily; Dhaka, Anniversary edition. February 25, 2010
2. Z.N. AHMED; Architecture: adapting to climate change. The New Nation. Internet Edition. July 6, 2009. <http://www.ittefaq.com/issues/2009/07/06/news0124.htm>
3. Z.N. AHMED; Dhaka Floods: The Need To Act Now; The Daily Star; An English Daily; Dhaka, August, 2005
4. Z.N. AHMED; An Ode to Nature: architectural symbolism to celebrate love of nature; The Daily Star; An English Daily; Dhaka, November, 2001
5. Z.N. AHMED; Floods 1998: No cause for complacency; The Daily Star; An English Daily; Dhaka, September 24, 1998
6. Architectural Editor; Arena; A magazine for Culture and Sports; Ed. Aly Zaker; Dhaka; July 2000

**g) Review/Assessment/Jury**

1. Juror; Architectural design competition for Bangladesh Chancellery and High Commission Complex in Islamabad, Pakistan; Ministry of Foreign Affairs, Govt. of Bangladesh; July 2008
2. Reviewer; AIUB Journal of Science and Engineering (AJSE); Vol 7, no. 1, ORP-AIUB (American International University, Bangladesh); July 2008
3. Reviewer; Energy and Environment; Journal of the Centre for Energy Studies, Bangladesh University of Engineering and Technology, Dhaka; July 2008
4. External Assessor; for application to post of Associate Professor, DS 54; Universiti Sains Malaysia; June 2008
5. Reviewer, Journal for Khulna University Studies; 2007
6. Reviewer; CSAAR2007: Regional Architecture and Identity in the Age of Globalization; International conference; Tunisia; Nov 11-14, 2007
7. Reviewer; AIUB Journal of Science and Engineering (AJSE); ORP-AIUB (American International University, Bangladesh); June 2007
8. Reviewer; Protibesh, Journal of the Department of Architecture, BUET; since 2004
9. Reviewer, Journal for Khulna University Studies; 2004
10. Juror; 3rd ISLE Lighting Design Competition: Rural Lighting; organised by the Indian Society of Lighting Engineers in Delhi; October 1999

**9. Professional Architectural Work at National and International Levels for BUET:**

Year	Project
2010 -ongoing	Review of the Bangladesh National Building Code, Architecture Team, BRTC-BUET
2009 -ongoing	Promoting the Green Architecture Concept in Bangladesh and Supporting the Textile and RMG Sector in Bangladesh towards Implementing Green Strategies in their Building Design; joint Initiative by Department of Architecture, BUET And GTZ Progress
2004-2009	Map of Bangladesh: Liberation War Memorial for Ministry of Liberation War Affairs at Meherpur (with BUET assigned team)
Ongoing	BUET Market at Polashi, Dhaka (with BUET assigned team)

**10 Membership/Fellowship of Learned Societies. Professional Institutions and other Noteworthy Affiliations**

- Member, Institute of Architects, Bangladesh, since February 1989
- Fellow, Illumination Society of Bangladesh and Organising Secretary, since Jan 1999
- Fellow, Indian Society of Lighting Engineers, since August 1999
- Member, Gender and Energy Network, Bangladesh (GEN, Bangladesh) since inception in 2004

**11 Professional Awards/Honours Received:**

- BUET Grant nomination to present paper at International Seminar on Well Being Indoors: Clima 2007; Helsinki, Finland, 10-14 June 2007
- University of Tasmania invitation and sponsorship as Visiting Professor to lecture and explore link possibilities between BUET and UTas Architecture schools, Aug 7-25, 2006
- BUET Grant received to present paper at 7<sup>th</sup> International Conference on Healthy Buildings 2003, December 7-11, 2003; Singapore
- BUET Grant received to present paper at Lux Pacifica '97, 3rd Pacific Basin Lighting Congress; October 13-16, 1997; Nagoya, Japan.

- BUET Grant received to present paper at 3<sup>rd</sup> SAARC Lighting Conference; Nov 21-23, 1996; Kathmandu, Nepal
- BUET Grant received to present paper at International Symposium On Heating, Ventilation and Air-Conditioning; Sept. 25-28, 1995; Tsinghua University; Beijing; China.

## 12 Research Grants Received (last fifteen years)

Organisation offering the Grant	Project Title	Period
Grameen Trust: Programme for Research on Poverty Alleviation	Lighting Rural Bangladesh	January to September 2001
CASR, BUET	Evaluation of Existing International Daylight Standards for a Tropical Setting	April to November 1996
ERD, Govt. of People's Republic of Bangladesh	Assessment of Residential Sites in Dhaka with respect to Solar Radiation Gains; travel for pursuing PhD research programme	September 1993
British Council	Assessment of Residential Sites in Dhaka with respect to Solar Radiation Gains; travel and short-term subsistence grant for pursuing PhD research programme	August to October 1992
AA-BRE-BUET Link Programme (British Council)	Micro-climate and Climatic Data for use in Architecture, based at Building Research Establishment in Watford, UK	January to April 1991

## 13 Research

Research Title	Institution/ Degree	Year of Completion
Promoting the Green Architecture Concept in Bangladesh and Supporting the Textile and RMG Sector in Bangladesh towards Implementing Green Strategies in their Building Design	BRTC, BUET – GTZ Progress Joint Initiative	Ongoing
Lighting Rural Bangladesh	Grameen Trust: Programme for Research on Poverty Alleviation	2002
Evaluation of Existing International Daylight Standards for a Tropical Setting	CASR, BUET	1996
Assessment of Residential Sites in Dhaka with respect to Solar Radiation Gains	De Montfort University, Leicester, England PhD	1994
Micro-climate and Climatic Data for use in Architecture, based at Building Research Establishment in Watford, UK	AA-BRE-BUET Link Programme (British Council)	1991
The Design and Location of Windows for Buildings in Bangladesh	Sheffield City Polytechnic, England, M.Phil	1987

## 14 Completed Thesis Supervision of Graduate Research Work

Degree	Thesis Title	Year
Master of Architecture	Thermal Environment In Residential Areas Of	2010

(M.Arch)	Metropolitan Dhaka: Effects of Growing Densification by Gouri Shankar Roy	
Master of Architecture (M.Arch)	A Study of Daylight Inclusion in the Luminous Environment of offices in Dhaka City: by Ashik R. Joarder	2007
Master of Architecture (M.Arch)	A Study in the Climatic Aspects of Residential High-rise in Dhaka City: by Bijon Bihari Sarma	2002
Master of Architecture (M.Arch)	Thermal Performance of Brick Residential Buildings in Dhaka City by Shaikh Ahsan ullah Mazumder	2000

#### 15 Supervision of ongoing Graduate Research Work

Level (Masters/PhD)	Thesis Title	Year
PhD	Thermal Environment by Shaikh Ahsan ullah Mazumder	ongoing
Master of Architecture (M.Arch)	A Study of the Luminous Environment in Architectural Design Studios of Dhaka City by Tanzia Sharmin	ongoing

#### 16 Field of interest

- Climate-building interactions
- Sustainability issues in Architecture
- Luminous environment
- Daylighting in Architecture
- Music appreciation

#### 17 Participation in National Commissions, Committees, etc commissioned by the Government of Bangladesh and Govt. Institution / Organisations:

- Member, Cultural Board, Association of Universities, Bangladesh, (AUB) 2005-2007, nominated by Academic Council, BUET
- Member, Enquiry Committee set up by the Ministry of Culture, Government of the People's Republic of Bangladesh, to investigate the causes and persons responsible for the collapse during construction of *Jatiya Natya Shala* (National Auditorium) in Dhaka set up July 1999
- Member, Enquiry Committee set up by the Ministry of Culture, Government of the People's Republic of Bangladesh, to investigate the financial irregularities and persons responsible during the *Sangeet o Nritya Kala Kendra* (Music and Drama Centre) in Dhaka. July 1999
- Elected Member from BUET of Board of Directors, *Jatiyo Mahila Sangstha* (National Women's Association), Ministry of Women's and Children's Affairs, Government of the People's Republic of Bangladesh. January 1999
- Member, Cultural Board, Association of Universities, Bangladesh, (AUB) 1999-2001, nominated by Academic Council, BUET