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

Curriculum Vitae

1. NAME: Dr. Zebun Nasreen Ahmed

2. Date and Place of birth: July 19, 1957, in London

3. Academic Qualifications

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

- 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

4. Experience:

| Position | Organisation | Duration |
|-----------|---|-----------------|
| Professor | Department of Architecture, Bangladesh | October 31, |
| | University of Engineering and Technology, Dhaka | 2001 to date |
| Associate | Department of Architecture, Bangladesh | April 1996 to |
| Professor | University of Engineering and Technology, Dhaka | October 2001 |
| Assistant | Department of Architecture, Bangladesh | August 1989 to |
| Professor | University of Engineering and Technology, Dhaka | April 1996 |
| Lecturer | Department of Architecture, Bangladesh | August 1988 to |
| | University of Engineering and Technology, Dhaka | August 1989 |
| Visiting | Housing Studies for HND students, | January to July |
| Lecturer | Sheffield City Polytechnic | 1987 |
| Assistant | Urban Aesthetes Ltd, | February 1982 |
| Architect | Architects, Engineers and Planners, | to July 1984 |
| | Rd 6, Dhanmondi R/A, Dhaka | |
| Assistant | Vastukalabid, | July 1981 to |
| Architect | Paribagh, Dhaka | August 1982 |

5. Research Grants Received (last fifteen years)

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

- 6. List of Publications
- a) Journal Publications (recognised and refereed journals/proceedings):
- 1. Z.N. AHMED; <u>Natural ventilation in dense residential areas: studying alternatives;</u> proceedings Seventh International Conference on Healthy Buildings 2003; Eds. T K Wai, C Sekhar; D Cheong; National University of Singapore, 7-11 December; 2003
- 2. Z.N. AHMED; <u>Climate-responsiveness in Tall Residential Buildings of Tropical Cities</u>; 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
- 3. Z.N. <u>AHMED</u>; <u>The Effects Of Room Orientation On Indoor Air Movement In The Warm-Humid Tropics: Scope For Energy Savings</u>; Journal of Energy & Environment; Vol 2, September 2002; Centre for Energy Studies; Bangladesh University of Engineering and Technology; pp 73-82
- 4. Z.N. AHMED; <u>Architecture For The New Millennium</u>; Theoretical Perspectives; Ed. I. Ahmed; Vols 7 & 8; Centre for Alternatives; University of Dhaka; 2000-01
- 5. Z.N. AHMED; <u>Amenity Considerations and Aesthetics in Road Lighting</u>; CIE x019-2001: Criteria for Road Lighting; Commission Internationale de l'Eclairage, CIE Central Bureau, Austria; 2001
- 6. Z.N. AHMED, A.T. HOWARTH, K. LOMAS; <u>Creation of Design tool for Passive</u>, <u>Architectural Control</u>; Solar Architecture and Planning; Ed. S. Ghosh; Centre for Built Environment; Calcutta, India; 1997; pp145-152
- 7. Z.N. AHMED, K.I. AHMED; <u>Poverty Alleviation in Bangladesh</u>: <u>Any Scope For Architects?</u> Role of Engineers in Poverty Alleviation in Developing Countries; Ed. M.G. Mohiuddin; Palok Publishers and Institution of Engineers, Bangladesh; Dhaka; 1997; pp101-106
- 8. Z.N. AHMED; <u>Modernism in Architecture and its Aftermath</u>; Theoretical Perspectives; Ed. I. Ahmed; Vol II No. 1; Centre for Research on Politics; University of Dhaka; September 1995; pp19-44
- 9. Z.N. AHMED; <u>Temperature Standards for the Tropics?</u> Standards for Thermal Comfort Indoor Air Temperature Standards for the 21st Century; Eds F. Nicols, M. Humphreys, 0. Sykes and S. Roaf, Chapman and Hall; London; 1995; pp31-39

- 10. Z.N. AHMED, A.T. HOWARTH, J.ZUNDE; <u>Thermal Comfort Studies and Applications in Dhaka</u>, 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.
- 11. Z.N. AHMED; <u>Conflicts and Compromises in Window Design</u>, *Protibesh*, Journal of the Dept. of Architecture, BUET, Vol IV No.l; Eds. M.M. Ali, R. Hussain and N. Ahmed; December 1990, Dhaka.
- 12. Z.N. AHMED; <u>Ruplal House: A proposal for Renovation</u>; Architectural and Urban Conservation in the Islamic World; The Aga Khan Trust for Culture; Geneva; 1990.
- 13. Z.N. AHMED; <u>Natural Ventilation: its Adequacy in Warm-Humid Climates</u>, *Protibesh*, Journal of the Department of Architecture, BUET, Vol III No 2; Eds. M.M. Ali, R. Hussain and N. Ahmed; December 1989.
- 14. Z.N. AHMED, A.T. HOWARTH, J.ZUNDE; <u>Thermal Comfort Studies and Their Applications in Dhaka City</u>; Journal of the Institution of Engineers, Bangladesh, Vol 17, No 3-4, July-Oct 1989.
- 15. Z.N. AHMED; <u>The Role of the Architect in Producing Thermal Comfort in the context of Existing Conditions in Dhaka</u>, *Protibesh*, Journal of the Department of Architecture, BUET, Vol III; Eds. M.M. Ali, R. Hussain and N. Ahmed; June 1989, Dhaka.
- b) Conferences (national and international conferences and seminars)
- i) Proceedings:
- 1. Z.N. AHMED; <u>Sustainability in the Built Environment of Bangladesh: Participation of Architects</u>; Abstracted in proceedings for International Seminar on environmental sustainability; organised by the Dept. of Civil Engineering, BUET; Dhaka; 7-9 January 2006
- 2. Z.N. AHMED; <u>Creating Low-Energy Architecture: Reducing Dependency on Conventional Energy Sources in Urban Buildings</u>; Symposium on Renewable Energy 2003; Institution of Engineers, Bangladesh; Dhaka, Oct 2003
- 3. Z.N. AHMED; <u>Lighting in Rural Bangladesh: ensuring lighting rights</u>; Proceedings Indian Society of Lighting Engineers 2002; New Delhi
- 4. Z.N. AHMED; <u>Future of Rural Settlements in Bangladesh: Maintaining Sustainability</u>; 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
- 5. Z.N. AHMED, C.D. GOMES; <u>Daylight Penetration in High-rise Residential Buildings</u> of Dhaka: Evaluation and Analysis; Proceedings Prakash 1999, International

- Conference on Lighting Technology; October 29-31; 1999; New Delhi, India; pp216-224
- 6. Z.N. AHMED, M.HAQUE, T.H.KHAN; <u>Lighting Environment in Office Buildings in Dhaka City</u>; proceedings 4th SAARC Lighting Conference; January 28-30, 1999; Dhaka, Bangladesh.
- 7. Z.N. AHMED; Light <u>The Form Giver</u>; proceedings on Lux Pacifica '97, 3rd Pacific Basin Lighting Congress; October 13-16, 1997; Nagoya, Japan; ppE233-237
- 8. Z.N. AHMED; <u>Daylighting in Buildings in combination with Artificial Lighting Systems</u>: Multi-topic Symposium '97, organised by the Institution of Electrical and Electronics Engineers, Pakistan (IEEEP); March 5-6, 1997, Karachi, Pakistan
- 9. Z.N. AHMED; <u>Evaluating Standards and Understanding Implications of Daylighting</u>; proceedings 3rd SAARC Lighting Conference; Nov 21-23, 1996; Kathmandu, Nepal; pp55-59
- 10. Z.N. AHMED; <u>For Men May Come and Men May Go . . .</u>; International symposium On Heating, Ventilation and Air-Conditioning; Tsinghua University; Beijing; China; Sept. 25-28, 1995; pp197-202
- 11. Z.N. AHMED; <u>The Climatic Impacts of Residential High-Rise</u>; 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; <u>The Architecture of Energy Efficient Buildings</u>; 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*
- 2. 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*
- 3. Z.N. AHMED; <u>Sustainability in the Built Environment of Bangladesh: Participation of Architects</u>; International Seminar on environmental sustainability; organised by the Dept. of Civil Engineering, BUET; Dhaka; 7-9 January 2006 *Presented by Z.N. AHMED*
- 4. Z.N. AHMED; <u>Low Energy Architecture: Residential Sector</u>; 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

5. 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

- 6. 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*
- 7. Z.N. AHMED; <u>Climate-responsiveness in Tall Residential Buildings of Tropical Cities</u>; 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**
- 8. Z.N. AHMED; <u>Lighting rural Bangladesh: Target: Low-income rural housing</u>; 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
- 9. Z.N. AHMED; <u>Future of Rural Settlements in Bangladesh: Maintaining Sustainability;</u> 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*
- 10. 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
- 11. Z.N. AHMED; <u>Water and Gender: Mapping and Identifying Gaps of Bangladesh's Water Partnership</u>; Formulation of Vision Documents; LGED; November 14, 1999; Dhaka
 - Z.N. AHMED Moderator and presenter
- 12. Z.N. AHMED, C.D. GOMES; <u>Daylight Penetration in High-rise Residential Buildings of Dhaka: Evaluation and Analysis</u>; 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.

- 13. Z.N. AHMED; <u>Amenity Considerations and Aesthetics in Road Lighting</u>; 24th CIE Session 1999; June 24-30, 1999; Warsaw. *Presented by Z.N. AHMED*
- 14. Z.N. AHMED, M.HAQUE, T.H.KHAN; <u>Lighting Environment in Office Buildings in Dhaka City</u>; 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*
- 15. Z.N. AHMED; <u>Light The Form Giver</u>; Lux Pacifica '97, 3rd Pacific Basin Lighting Congress; October 13-16, 1997; Nagoya, Japan. *Presented by Z.N. AHMED*
- 16. Z.N. AHMED; <u>Daylighting in Buildings in combination with Artificial Lighting Systems</u>; Multi-topic Symposium '97, organised by the Institution of Electrical and Electronics Engineers, Pakistan (IEEEP); March 5-6, 1997, Karachi, Pakistan *Presented by Z.N. AHMED*
- 17. Z.N. AHMED; <u>Importance of Daylighting Design in Architecture</u>, invited lecture in Dawood School of Architecture, NED; Karachi; Pakistan; Mar 4; 1997 *Presented by Z.N. AHMED*
- Z.N. AHMED; <u>Daylighting Design: procedures and guidelines</u>, invited lecture in Indus Valley of Art and Architecture; Karachi; Pakistan; Mar 3; 1997 <u>Presented by Z.N. AHMED</u>
- 19. Z.N. AHMED; <u>Evaluating Standards and Understanding Implications of Daylighting</u>; 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
- 20. Z.N. AHMED, M.S. AMEEN; <u>Rabindranath's Shelidah: Exploring Conservation Possibilities</u>; 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
- 21. Z.N. AHMED; <u>For Men May Come and Men May Go . . .</u>; International Symposium On Heating, Ventilation and Air-Conditioning; Tsinghua University; Beijing; China; Sept. 25-28, 1995.

 Presented by Z.N. AHMED
- 22. Z.N. AHMED, A.T. HOWARTH, K. LOMAS; <u>Creation of Design tool for Passive</u>, <u>Architectural Control</u>; 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

- 23. Z.N. AHMED; <u>The Climatic Impacts of Residential High-Rise</u>; 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
- 24. Z.N. AHMED, E. KEEBLE; <u>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</u>
- 25. Z.N. AHMED, I. AHMED, S.RAHMAN, A.IMAM; <u>Workshop Report on Ruplal House: A proposal for Renovation</u>; International Workshop on Architectural and Urban Conservation; Organised by The Aga Khan Trust for Culture; Dhaka; March 1989. *Presented by Z.N. AHMED*
- c) Research monographs, patents and other works completed and contributions in standard published books
- 1. Z.N. AHMED; <u>Low Energy Architecture: Residential Sector</u>; 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
- 2. Z.N. AHMED; <u>Floods: No Cause for Complacency</u>; Living With Floods, An Exercise in Alternatives; Ed I. Ahmed; The University Press Ltd; Dhaka; 1999 (pp45-48)
- 3. Z.N. AHMED, F. NILUFAR, MOBASHWERA; <u>Basic Lessons Manual for Building Maintenance for Officers in Charge of Local Supply Depots</u>; Ministry of Food; Food Godown Rehabilitation and Maintenance Training Pilot Project; Government of Bangladesh in collaboration with Grabowski and Poort; Den Hague; May, 1992.
- 4. Contemporary Architecture in Bangladesh, The Institute of Architects Bangladesh, Dhaka; 1990. Contributor
- 5. Z.N. AHMED; <u>An overview of Activities of the Institute of Architects</u>, Bangladesh, since Inception; Directory, The Institute of Architects, Bangladesh, March, 1990.

d) Others

- 1. Z.N. AHMED; <u>Dhaka Floods: The Need To Act Now</u>; The Daily Star; An English Daily; Dhaka, August, 2005
- 2. Z.N. AHMED; <u>International Seminar on Architecture Overcoming Constraints: An Overview</u>; *Protibesh*, Journal of the Department of Architecture, BUET; Eds. K.Rashid, K.S. Ahmed, S. Ghafur; Vol 9, No.1; July 2004
- 3. Reviewer; Protibesh, Journal of the Department of Architecture, BUET; since 2004
- 4. Reviewer, Journal for Khulna University Studies; 2004

- 5. Member, Editorial Board, BUET Convocation 2001 Souvenir: *Esho Nipo Boney*: January 2001.
- 6. Z.N. AHMED; An Ode to Nature: architectural symbolism to celebrate love of nature; The Daily Star; An English Daily; Dhaka, November, 2001
- 7. Architectural Editor; Arena; A magazine for Culture and Sports; Ed. Aly Zaker; Dhaka; since July 2000
- 8. Z.N. AHMED; <u>Floods 1998 and the Impending Winter</u>; Grameen Poverty Research; Newsletter of the Programme for Research on Poverty Alleviation, Grameen Trust; Dhaka, October 1998
- 9. Z.N. AHMED; <u>Floods: Causes</u>; Grameen Poverty Research; Newsletter of the Programme for Research on Poverty Alleviation, Grameen Trust; Dhaka, October 1998
- 10. Z.N. AHMED; <u>Floods 1998: No cause for complacency</u>; The Daily Star; An English Daily; Dhaka, September 24, 1998
- 11. Z.N. AHMED, N. AHMED; <u>Sonargaoner Pathey 'On way to Sonargaon'</u>: 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.
- 12. Z.N. AHMED, <u>Dhaka Vs Development</u>; Earth; Issue 06; Spring 1996
- 13. Z.N. AHMED, <u>Is Affordability a Measure of Appropriateness in Architecture?</u> Earth; Issue 04; Autumn 1995
- 14. Z.N. AHMED; <u>Architectural Education: Introducing a Rural Base</u>; Earth; Volume 02, Issue 02; Summer 1995

7. Professional Work at National and International Levels:

| Year | Project |
|-----------|--|
| 2006 | PKSF reception, exhibition space, tea-lounge and conference room |
| | interior design (with Dr. Nizamuddin Ahmed) |
| Ongoing | Map of Bangladesh: Liberation War Memorial for Ministry of |
| 2004-2006 | Liberation War Affairs at Meherpur (with BUET assigned team) |
| Ongoing | BUET Market at Polashi, Dhaka (with BUET assigned team) |
| 2003 | Niraloy Prova; Six-storied Apartment Complex in plot no 75, Rd |
| | 8/A, Dhanmondi R/A, Dhaka for Commodore M.A. Rahman |
| Ongoing | Six-storied residence in Uttara RMT, Dhaka for A.H.M. Nooruddin |
| 1999 | Duplex Residence at House no. 19, Rd 111, Gulshan R/A, Dhaka for |
| | Syed Mehdi Hussain |
| 1998 | Atrium for Hotel Purbani International, Dilkhusha Commercial Area, |
| | Dhaka (with Dr. Nizamuddin Ahmed) |
| 1997 | Renovation and Extension of Three-storied Residence at Rabindra |
| | Sarani, Uttara RMT, Dhaka for Mrs. Sultana Barek |
| 1996 | Renovation and Extension of Three-storied Residence at Rd 19, |
| | Dhanmondi R/A, Dhaka for Shamsul Islam |

| 1995 | Interior design of Head Office for Minhaz Group of Industries, 6 th | |
|-----------|--|--|
| | Floor, Jibon Bima Bhaban, Dilkhusha C/A, Dhaka | |
| 1992-1993 | 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; Holland | |
| 1992 | Factory Complex for Kader Synthetic Fibres Ltd at BSIC, Joydebpur, | |
| | Gazipur (with Dr. Nizamuddin Ahmed) | |
| 1992 | Interior design of Head Office for Rahimafrooz at Globe Chambers, | |
| | Motijheel C/A, Dhaka | |
| 1990 | Daylight Design and Analysis of Factory Complex for Apex | |
| | Footwear at Shafipur, Dhaka (with Dr. Nizamuddin Ahmed) | |
| 1990 | Interior design for IBSC Computer Software, Bangladesh, Ltd, Rd 7, | |
| | Dhanmondi R/A, Dhaka | |
| 1990 | Interior design for Institute of Bankers, Bangladesh at Scout Bhaban, | |
| | Kakrail Rd, Shantinagar, Dhaka | |
| 1989 | Master planning of Factory Complex for Saudi Bangla Fish Feed Ltd, | |
| | at Valuka, Mymensingh (with Dr. Nizamuddin Ahmed) | |
| 1988 | Renovation and interior design for Agrani Bank, Bangladesh Air | |
| | Force Branch, Dhaka Cantonment, Dhaka | |

8. 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
- Juror, the 3rd ISLE Lighting Design Competition: Rural Lighting; organised by the Indian Society of Lighting Engineers in Delhi; October 1999
- Member, Gender and Energy Network, Bangladesh (GEN, Bangladesh) since inception in 2004

9. Professional Awards/Honours Received:

- BUET Grant received to present paper at 7th 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 3rd 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.

10. 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. Set up in 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. Since January 1999
- Member, Cultural Board, Association of Universities, Bangladesh, (AUB) 1999-2001, nominated by Academic Council, BUET

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

| Title of Theoretical courses taught | Level and Term | hrs |
|---|----------------|-------|
| | | /week |
| 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 | L1T2 | 2 |
| theory | | |
| Environmental Design II: Visual and Sonic Environment, | L2T1 | 2 |
| compulsory theory | | |
| Environmental Design III: Design in the Tropics, optional | L2T2 | 2 |
| theory | | |
| Music Appreciation, optional theory | L1T2 | 2 |

| Title of Sessional courses taught | Level and Term | hrs |
|-----------------------------------|----------------|-------|
| | | /week |
| 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 |
| Dissertation (with Design Thesis) | L5T2 | 3 |
| Computer Applications | L2T1 | 3 |

12. Supervision of Graduate Research Work

| Level | Thesis Title | Year |
|---------------|---|---------|
| (Masters/PhD) | | |
| PhD | Thermal Environment by Shaikh Ahsan ullah | ongoing |
| | Mazumder | |

| Masters | Thermal Performance of Brick Residential Buildings | 2000 |
|---------|---|---------|
| | in Dhaka City by Shaikh Ahsan ullah Mazumder | |
| Masters | A Study in the Climatic Aspects of Residential | 2002 |
| | High-rise in Dhaka City: by Bijon Bihari Sarma | |
| Masters | Variables affecting luminous requirements in office | ongoing |
| | work-stations in Dhaka utilising daylight By | |
| | Munirul Haque | |
| Masters | Thermal Environment In Residential Areas Of | ongoing |
| | Metropolitan Dhaka: Effects of Growing | |
| | Densification by Gouri Shankar Roy | |
| Masters | Daylight Adequacy in Residential Apartment | ongoing |
| | Buildings in Dhaka City By Nurun Nahar | |