

# Curriculum Vitae

## Iftekharuddin Mohammed Choudhury

Holder of Jim Smith Endowed Professorship in Construction Science



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Web page <http://www.tamu.edu/faculty/choudhury>

Citizenship US

## Education

Degree	Major	Institution	Year
1. Doctor of Philosophy	Architecture	Texas A&M University	1994
2. Master of Philosophy	Architecture	University of Newcastle-upon-Tyne, England	1976
3. Bachelor of Architecture	Architecture	Bangladesh University of Engineering & Technology	1968

## Teaching Activities

FIELD OF TEACHING

1. International Construction with particular emphasis on social and cultural aspects
2. Environmental Control Systems:
  - o Building subsystems: (1) Heating, ventilation, and air-conditioning, (2) Water supply and drainage, (3) Electrical systems, and (4) Lighting systems.

ACADEMIC POSITIONS

1. Associate Professor, Department of Construction Science, Texas A&M University, 2003 to present
2. Assistant Professor, Department of Construction Science, Texas A&M University, 1997 to 2003
3. Visiting Assistant Professor, Department of Construction Science, Texas A&M University, 1995-1997
4. Visiting Lecturer, Department of Construction Science, Texas A&M University, 1994-1995
5. Associate Professor, Department of Architecture, Bangladesh Engineering University, 1977-1979
6. Assistant Professor, Department of Architecture, Bangladesh Engineering

AWARDS AND  
RECOGNITION

University, 1972-1974

1. Jim Smith Endowed Professorship for 2008-2010.
2. Outstanding Educator Award Region V, Associated Schools of Construction. 2008.
3. Fulbright Award to Bangladesh, Fulbright Foreign Scholarship Board, U.S. Department of State. 2004.
  - It is a highly competitive and prestigious award given by the United States Department of State. It is awarded not only because of academic and professional excellence in one's field of expertise, but also because of leadership potential.
4. Keynote speaker, 8<sup>th</sup> National Congress of Civil Engineers, Universidad de las Americas, Cholula, Puebla, Mexico. January 2002
5. Selected for Faculty Abroad Seminar in Mexico, 2001
6. Montague-Center of Teaching Excellence Scholarship, 2000-2001
7. Commonwealth Scholarship for Graduate Studies in the United Kingdom, 1974
  - It is a highly competitive and prestigious award given by the Association of Commonwealth Universities. It is one of the most prestigious schemes for international study and professional development in the world.

TEACHING GRANT/  
SCHOLARSHIPS

1. \$45,000 awarded by Fulbright Foreign Scholarship Board, U.S. Department of State. 2004.
2. \$5,000 awarded by the Center of Teaching Excellence, Texas A&M University. 2000.

CONFERENCES  
AND WORKSHOPS  
ON TEACHING  
IMPROVEMENT  
AND RESEARCH

1. Wakonese South Teaching Conference, Burnet, TX. Center for Teaching Excellence, TAMU. April 4-6, 2008.
2. Training on Vista. The Training Center. TAMU. May 15, 2007
3. Teaching Excellence Workshops. Construction Science Departmental Teaching Academy. August 2006 – April 2007.
4. Visual Basic. The Training Center, TAMU. May 27, 2004.
5. Grantwriting Seminar. Office of the Vice-President for Research, TAMU. May 21-22, 2003.
6. Assessment of Student Learning. Center for Teaching Excellence, TAMU. January 28, 2003.
7. Timberline Estimating Fundamentals. Texas State Construction Systems, Inc. January 8, 2003.
8. Training on WebCT. The Training Center, TAMU. April 29 – May 2, 2002.
9. Teaching Portfolio Workshop, Montgomery, TX. Center for Teaching Excellence, TAMU. November 10-11, 2001.
10. Assessing Learning to Improve Teaching. Center for Teaching Excellence, TAMU. Feb 19 – March 2, 2001.
11. Wakonese South Teaching Conference, Balcones Spring, TX. Center for Teaching Excellence, TAMU. April 7-9, 2000.
12. Teaching Higher Order Reasoning in Your Discipline. Center for Teaching Excellence, TAMU. April 17, 1998.
13. Publishing on the Internet. Center for Teaching Excellence, TAMU. June 7-8, 1996.

COURSES TAUGHT:  
UNDERGRADUATE  
LEVEL

1. COSC 102: Construction Computing
2. COSC 253: Materials and Methods of Construction
3. COSC 325: Environmental Control Systems I
4. COSC 326: Environmental Control Systems II

	5. COSC 353: Construction Project Management
COURSES TAUGHT: GRADUATE LEVEL	<ol style="list-style-type: none"> <li>1. COSC 606: Mechanical and electrical systems in buildings</li> <li>2. COSC 633: International Construction</li> <li>3. COSC 681: Seminar</li> </ol>
COURSE DEVELOPMENT AND TEACHING INNOVATIONS	<ol style="list-style-type: none"> <li>1. Curriculum development for construction education at an undergraduate level. Prime University, Dhaka, Bangladesh. 2004-05.</li> <li>2. Use of reciprocal peer tutoring technique (RPT) for teaching at undergraduate level. 1999 to present</li> <li>3. Development of a web page to supplement classroom teaching. The page is continually updated. 1996 to present.</li> <li>4. Development of a course to teach CARC 321: Field Studies in Design Technology for study abroad in England in Summer 2003. It was approved by the Study Abroad Program Policy Committee, TAMU.</li> <li>5. Development of a course to teach CARC 321: Field Studies in Design Technology for study abroad in England in Summer 2002. It was approved by the Study Abroad Program Policy Committee, TAMU.</li> <li>6. Development of a course to teach AGED 489: Global Perspectives in Critical Thinking for Spring 2002. This is an inter-disciplinary course developed in association with Dr. Kim Dooley, AGED.</li> </ol>
GRADUATE STUDENT ADVISING, MEMBER (Ph.D.)	<ol style="list-style-type: none"> <li>1. Park, Young Jun (2009)</li> <li>2. Kim, Hyojin (2009)</li> <li>3. Lee, Sang Hyun (2009)</li> <li>4. Civan, Isilay (2007)</li> <li>5. Bagneid, Amr (2006)</li> <li>6. Seo, Hoonsik (2003)</li> <li>7. Tinker, Audrey (2003)</li> <li>8. Parker, Ken (2002)</li> <li>9. Ali, Hikmat (1999)</li> </ol>
GRADUATE STUDENT ADVISING, CHAIR (MASTERS)	<ol style="list-style-type: none"> <li>1. Kader, Sharmin (2008) (Co-Chair)</li> <li>2. Nair, Rupa (2008)</li> <li>3. Somanchi, Prashant (2008)</li> <li>4. Trivedi, Payal (2008) (Co-Chair)</li> <li>5. Trivedi, Somya (2008)</li> <li>6. Guhya, Suketu (2007)</li> <li>7. Sultana, Farzana (2007) (Co-Chair)</li> <li>8. Sanampudi, V. (2007)</li> <li>9. Sawlani, M. V. (2007)</li> <li>10. Misra, S. (2007)</li> <li>11. Desai, A. (2006)</li> <li>12. Khilathi, T. (2006)</li> <li>13. Veil, Timothy (2006) (Co-Chair)</li> <li>14. Phatak, O. (2003)</li> <li>15. Pitkar, M. (2003)</li> <li>16. Rajan, S. (2003)</li> <li>17. Ramakrishnan, S. (2003)</li> <li>18. Zobalia, R. (2003)</li> <li>19. Rocha, R. (2002) (Co-Chair)</li> <li>20. Vasudevan, L. (2002)</li> <li>21. Lee, Sunku (2001)</li> </ol>

GRADUATE  
STUDENT  
ADVISING,  
MEMBER  
(MASTERS)

1. Ji, Qundi (2009)
2. Hattagam, Norapat (2009)
3. Choi, Myung (2008)
4. Warty, Hrishit (2008)
5. Chaugule, Amarendra (2007)
6. Joshi, S. (2007)
7. Gunhui, J. (2007)
8. Handique, S. (2007)
9. Waseem, Mohammad (2007)
10. Binbow, Z. (2006)
11. Grant, J. (2006)
12. Jung, J. (2006)
13. Lee, K. (2006)
14. Lee, J. (2006)
15. Antony, J. (2004)
16. Ferguson, Charles (2003)
17. Nidodi, A. (2003)
18. Pratiba, N. (2003)
19. Robinson, Daryl (2003)
20. Vankamamidi, Neelima (2003)
21. Davis, M. (2002)
22. Taibah, A. (2002)
23. Ward, K. (2002)

## **Publications, Research, and Creative Activities**

- FIELD OF RESEARCH
1. Social and cultural aspects of design and construction of built environment on a global basis with an emphasis on the use of appropriate technology:
    - a. Areas of emphasis:
      - Effects of social and cultural factors on international construction
      - Use of alternative technology for water supply sub-systems
      - Residential satisfaction with particular reference to cultural differences

- FUNDED RESEARCH
1. Jim Smith Endowed Professorship for research related to international construction issues. About \$18,000 for two years from Jim Smith Endowment funds, Texas A&M University. 2008
  2. Factors associated with implementation of ERP to improve the productivity in the construction industry. \$10,000 funded by the Construction Industry Advisory Council. 2007
  3. Study for developing a construction education program for private universities in Bangladesh. \$45,000 Fulbright award to Bangladesh, Fulbright Foreign Scholarship Board, U.S. Department of State. 2004.
  4. Relationship between completion time and project cost of construction in Texas. \$6,000 funded by the Construction Industry Advisory Council. 2002.
  5. Factors of technical writing: An assessment of the needs of the construction industry. \$9,600 funded by the Construction Industry Advisory Council. 2001. (Other Principal Investigator: Dr. Richard Burt.)
  6. Texas Hurricane Shelter Survey. \$228,542 funded by the Texas Department of Public Safety. Consultant. 1999. (Principal Investigators: Dr. Mike Lindell and Dr. Charles Graham.)
  7. The effects of cultural diversity on the management of construction projects by US contractors operating in an international environment. \$1,750 funded by College Research Council, College of Architecture, Texas A&M University. 1998.
  8. Use of appropriate technology in construction of rural hospitals in Bangladesh. \$80,000 funded by the World Bank. 1980.
- UNFUNDED RESEARCH
1. Factors of productivity in construction. 2001 to present.
  2. Reciprocal peer tutoring. 1999 to present.
  3. Rainwater harvesting. 1992 to present.
  4. Effects of private outside space on residential satisfaction. 1992-1994.
  5. Space standards for low-cost housing. 1976.
- MEMBERSHIPS
1. American Society of Engineering Education. 1999 to present.
  2. CIB: International Council for Research and Innovation in Building Construction. 1999 to present.
  3. Institute of Architects, Bangladesh. 1972 to present.
- RECOGNITION
1. "ALIEN OF EXTRA-ORDINARY CAPABILITY." Unites States Immigration and Naturalization Services. June 1997. (This is a merit-based procedure leading to US Citizenship. It requires evidence of outstanding research.)
  2. Citation of professional works in a book published by the Institute of Architects, Bangladesh. 1990.
- BOOKS AND BOOK CHAPTERS
1. Trost & Choudhury (2004). *Design of Mechanical and electrical systems in buildings*. Upper saddle River, NJ: Prentice-Hall.
    - This text book is used by many schools of construction both nationally and internationally.
  2. Choudhury & Trost (1999). *Water and plumbing*. Upper saddle River, NJ: Prentice-Hall. (Lead author: Choudhury.)
    - This text book is used by many schools of construction both nationally and internationally.
  3. Choudhury (1985). Housing and space standards: Human needs and regional factors. *Regionalism in architecture*. Singapore: Concept Media Pte. Ltd.



PEER-REVIEWED  
JOURNAL  
PUBLICATIONS

(Authors with asterisks  
against their names are  
graduate students)

4. Choudhury (2009). The effect of political unrest on construction time for food grain warehouses in Bangladesh. *Construction Management and Economics*, 27(7).
5. Choudhury & Sanampudi\* (2009). Effect of construction cost and change orders for industrial and commercial projects in India. *International Journal for Construction Project Management*, 1(2). (Lead author: Choudhury.)
6. Lavy & Choudhury (2009). The cost of structural terrorism mitigation in new public school construction in high risk areas, US. *International Journal for Construction Project Management*, 1(2). (Lead author: Lavy.)
7. Choudhury & Rajan\* (2008). Time-cost relationship for residential construction in Texas. *The American Professional Constructor*, 32(2). (Lead author: Choudhury.)
  - This is a journal of the American Institute of Constructors, national qualifying body for professional certification of constructors. It is one of the top-most peer-reviewed academic publications on construction science and management in the US. Acceptance rate is about 40%.
8. Choudhury & Pitkar\* (2007). An analysis of project delivery systems in commercial construction. *The American Professional Constructor*, 31(1).
9. Choudhury, Rocha, & Burt (2004). Technical Writing for Construction Science Graduates. *Journal of Construction Education*, 8(3).
10. Choudhury (2002). Use of reciprocal peer tutoring technique in an environmental control systems course at an undergraduate level. *Journal of Construction Education*, 7(3).
  - This is a journal of the Associated Schools of Construction, a professional body for the advancement and development of construction education and research in the US. It is one of the top-most peer-reviewed academic publications construction science and management in the US. Acceptance rate is about 40%.
11. Burt & Choudhury (2002). Predicting annual salaries of construction educators using multiple regression. *Journal of Construction Education*, 7(3).
12. Choudhury (2001). Correlates of student performance in construction science courses at the undergraduate level with particular reference to Environmental Control Systems. *Journal of Construction Education*, 6(3).
13. Choudhury (2001). Cross-cultural training of project personnel in implementation of international construction projects by US contractors. *Journal of Construction Education*, 6(1).
14. Choudhury (2001). Qualitative correlates of private outside space satisfaction. *Journal of Construction Education*, 6(1).
15. Choudhury (1999). Effects of personal characteristics and cultural differences on private outside space satisfaction. *The International Journal for Housing Science & its Applications*, 23(3).
  - This is a journal of the International Association of Housing Science, an international body for the advancement of housing science. It is one of the top-most peer-reviewed academic publications in the US. Acceptance rate is about 40%.
16. Choudhury (1996). Effects of neighborhood composition on the use of private outside space in single-family dwellings. *The International Journal for Housing Science & its Applications*, 20(4).
17. Choudhury & Woods (1995). Effects of cultural differences on the use of private outside space in single-family dwellings. *The Journal for Housing Science & its Applications*, 19(2). (Lead author: Choudhury.)
18. Woods & Choudhury (1992). The potential for residential use of rainwater

PEER-REVIEWED  
PUBLICATIONS:  
CONFERENCE  
PROCEEDINGS  
(INTERNATIONAL  
LEVEL)

(Authors with asterisks  
against their names are  
graduate students)

19. Choudhury (2009). Correlates of time overrun in industrial construction in India. COBRA: RICS Construction and Building Research Conference. Cape Town, South Africa: RICS. September 2008.
20. Choudhury & Sanampudi \*(2008). Effects of construction cost and change orders on construction time for commercial and industrial projects in India. *Proceedings of the Building Abroad by CIB*. Montreal, Canada. October 2008.
21. Choudhury (2008). Predictors of student performance in a construction materials and methods course. COBRA: RICS Construction and Building Research Conference. Dublin, Ireland: RICS. September 2008.
22. Lavy, Choudhury, & Vail\* (2007). The cost of structural terrorism mitigation in new public school construction in high risk areas, US. *Proceedings of the 5<sup>th</sup> National Congress of the Israeli Society of Civil, Structural and Infra-structural Engineering*. Tel-Aviv, Israel. October 2007. (Lead author: Lavy).
23. Choudhury (2007). Time-cost relationship for commercial construction in India. *6<sup>th</sup> ASEE Global Colloquium on Engineering Education*. Istanbul, Turkey: ASEE. October 2007.
24. Choudhury & Desai\* (2007). Factors of construction time for commercial and residential projects in India. *Proceedings of CIB World Building Congress*. Cape Town, South Africa. May 2007. (Lead author: Choudhury.)
25. Choudhury & Khilathi\* (2007). Factors of construction time for commercial projects in Chennai, India. *Proceedings of the 5<sup>th</sup> International Conference on Construction Project Management*. Singapore: Nanyang Technological University. March 2007.
26. Choudhury (2006). Prediction of student performance in an environmental control systems course. *5<sup>th</sup> ASEE Global Colloquium on Engineering Education*. Rio de Janeiro, Brazil: ASEE. October 2006.
27. Choudhury (2005). A conceptual model of residential satisfaction with reference to neighborhood composition. *XXXIII IAHS World Congress on Housing*. Pretoria, South Africa: IAHS. September 2005.
28. Choudhury & Rajan\* (2004). Effects of construction cost and materials on construction time for residential projects in Texas. *Proceedings of CIB World Building Congress*. Toronto, Canada. May 2004. (Lead author: Choudhury.)
29. Choudhury & Pitkar\* (2004). An analysis of project delivery systems in commercial construction. *Proceedings of the 4<sup>th</sup> International Conference on Construction Project Management*. Singapore: Nanyang Technological University. March 2004. (Lead author: Choudhury.)
30. Choudhury & Rajan\* (2003). Time-cost relationship for residential construction in Texas. *Proceedings of the 20<sup>th</sup> International Conference on Construction Information Technology sponsored by CIB*. Auckland, New Zealand: University of Auckland. April 2003. (Lead author: Choudhury.)
31. Choudhury (2002). Effects of cultural composition of neighborhoods on resident satisfaction: A conceptual model. *Proceedings of the International Conference on Open Buildings sponsored by CIB*. Mexico City, Mexico. October 2002.
32. Choudhury (2002). Cultural composition of neighborhoods and private outside space satisfaction. *XXX IAHS World Congress on Housing*. Coimbra, Portugal: IAHS. September 2002.
33. Choudhury & Haque (2001). A study of cross-cultural training in international construction using general linear models procedure and artificial neural network approach. *Proceedings of the Third International Conference on Construction Project Management*. Singapore: Nanyang

PEER-REVIEWED  
PUBLICATIONS IN  
CONFERENCE  
PROCEEDINGS  
(NATIONAL LEVEL)

(Authors with asterisks  
against their names are  
graduate students)

35. Choudhury (2009). Enterprise Resource Planning: A study of user satisfaction with reference to construction industry. *Annual Conference Proceedings of the American Society for Engineering Education*. Austin, TX: ASEE. June 14-17, 2009.
36. Choudhury (2009). Time-cost relationship for infrastructure projects in India. *Annual Conference Proceedings of the American Society for Engineering Education*. Austin, TX: ASEE. June 14-17, 2009.
37. Choudhury (2008). The effect of political unrest for construction of food grain warehouses in Bangladesh. Accepted for publication in the *Annual Conference Proceedings of the American Society for Engineering Education*. Pittsburgh, PA: ASEE. June 2008.
38. Choudhury & Khilathi\* (2007). Effect of sub-contracting on construction time for commercial projects in Chennai, India. *Annual Conference of the American Society for Engineering Education*. Honolulu, HI: ASEE. June 2007. (Lead author: Choudhury.)
39. Choudhury (2006). Development of an undergraduate program for construction education in Bangladesh using general linear model. *Annual Conference of the American Society for Engineering Education*. Chicago, IL: ASEE. June 2006.
40. Choudhury (2006). Factors of Construction Time for Food Grain Warehouses in Bangladesh. *42<sup>nd</sup> Annual Conference of the American Schools of Construction*. Fort Collins, CO: Colorado State University. April 2006.
41. Choudhury (2005). An undergraduate program for construction education in Bangladesh. *41<sup>st</sup> Annual Conference of the American Schools of Construction*. Cincinnati, Ohio: University of Cincinnati. April 2005.
42. Choudhury & Phatak\* (2004). Correlates of time overrun in commercial construction. *40<sup>th</sup> Annual Conference of the American Schools of Construction*. Provo, Utah: Brigham Young University. April 2004. (Lead author: Choudhury.)
43. Choudhury & Vasudevan (2003). Factors of biological contamination of harvested rainwater for residential consumption. *Hawaii International Conference on Social Sciences*. Honolulu, Hawaii: University of Hawaii. June 2003.
44. Choudhury, Rocha\*, & Burt (2003). Technical Writing for Construction Science Graduates. *39<sup>th</sup> Annual Conference of the American Schools of Construction*. Clemson, South Carolina: Clemson University. April 2003. (Lead author: Choudhury.)
45. Choudhury (2002). Predicting student performance to help students at risk. *Annual Conference of the American Society for Engineering Education*. Montreal, Canada: ASEE. June 2002.
46. Choudhury (2002). Resident satisfaction with private outside space. *Hawaii International Conference on Social Sciences*. Honolulu, Hawaii: University of Hawaii. June 2002.
47. Choudhury, Khan, & Matin (2002). Relationship between construction time and project cost in health sector construction works in Bangladesh. *38<sup>th</sup> Annual Conference of the American Schools of Construction*. Roanoke, Virginia: Virginia Polytechnic and State University. April 2002. (Lead author: Choudhury.)
48. Burt & Choudhury (2002). Predicting annual salaries of construction educators using multiple regression. *38<sup>th</sup> Annual Conference of the American Schools of Construction*. Roanoke, Virginia: Virginia Polytechnic and State University. April 2002. (Lead author: Burt.)
49. Choudhury (2001). Effects of reciprocal peer tutoring technique in an

PEER-REVIEWED  
PUBLICATIONS IN  
CONFERENCE  
PROCEEDINGS  
(REGIONAL LEVEL)

(Authors with asterisks  
against their names are  
graduate students)

57. Choudhury (2009). Study of student performance in a construction science course using multiple regression technique. *ASEE Gulf Southwest Annual Conference*. Waco, TX: ASEE GSW. March 2009.
58. Choudhury (2007). Effects of absenteeism in a construction science course. *ASEE Gulf Southwest Annual Conference*. South Padre Island, TX: ASEE GSW. March 2007.
59. Choudhury & Ramakrishnan\* (2006). Cultural effect on residential cooling energy consumption. *ASEE Gulf Southwest Annual Conference*. Baton Rouge, LA: ASEE GSW. March 2006. (Lead author: Choudhury.)
60. Choudhury, Rocha, & Burt (2003). Assessing the need for technical writing skills among construction science graduates. *ASEE Gulf Southwest Annual Conference*. Arlington, Texas: ASEE GSW. March 2003. (Lead author: Choudhury.)
61. Choudhury (2002). Predicting student performance using multiple regression. *ASEE Gulf Southwest Annual Conference*. Lafayette, Louisiana: ASEE GSW. March 2002.

NON-REFEREED  
PUBLICATIONS AND  
PRESENTATIONS

1. Choudhury (2005). Making buildings safe. *Daily Star*, Dhaka, Bangladesh. June 10.
2. Choudhury (2005). Need for construction education in Bangladesh. *Daily Star*, Dhaka, Bangladesh. April 14.
3. Choudhury (2005). Construction industry in Bangladesh. *Annual conference of Fulbrighters in South Asia*. Kozhikode, India.
4. Choudhury (2000). Construction industry in Iceland. *Annual Conference of Region V, Associated Schools of Construction*. Dallas, Texas.
5. Choudhury (1999). Rainwater harvesting. *Annual Conference of Region V, Associated Schools of Construction*. Dallas, Texas.
6. Choudhury (1998). Instructing international construction at an undergraduate level. *Annual Conference of Region V, Associated Schools of Construction*. Dallas, Texas.
7. Choudhury (1997). Domestic water consumption: Rainfall as a determinant of water demand. *Annual Conference of Region V, Associated Schools of Construction*. Dallas, Texas.
8. Choudhury (1996). Construction of an office-cum-shopping complex in Bangladesh. *Annual Conference of Region V, Associated Schools of Construction*. Dallas, Texas.

CITATIONS IN  
THIRD PARTY  
PUBLICATIONS

1. Harfield, et al. (2007). Activity-based teaching for Unitec New Zealand construction students. *Emirates Journal for Engineering Research*, 12(1), pp. 57-63. Article cited:
  - Choudhury (2002). Use of reciprocal peer tutoring technique in an environmental control systems course at an undergraduate level. *Journal of Construction Education*, 7(3).
2. Harfield, et al. (2007). Toward a Learning-Styles Profile of Construction Students: Results from New Zealand. *International Journal of Construction Education & Research*, 3(3), pp. 143-158. Article cited:
  - Choudhury (2002). Use of reciprocal peer tutoring technique in an environmental control systems course at an undergraduate level. *Journal of Construction Education*, 7(3).
3. Ozorhon, et al. (2007). Effect of host country and project conditions in international construction joint ventures. *International Journal of Project Management*, 25, pp. 799-806. Article cited:
  - Choudhury (2001). Cross-cultural training of project personnel in implementation of international construction projects by US contractors. *Journal of Construction Education*, 6(1).
4. Intan Rohani Endut et al. (2006). Relationship Between Duration and Cost of Malaysian Construction Projects. *Proceedings of the International Conference in the Built Environment in the 21st Century (ICiBE 2006)*, 13-15 June, Shah Alam, Malaysia, pp 299-309. Article cited:
  - Choudhury & Rajan (2003). Time-cost relationship for residential construction in Texas. *Proceedings of the 20<sup>th</sup> International Conference on Construction Information Technology sponsored by CIB*. Auckland, New Zealand: University of Auckland. April 2003.
5. Mohamed, S. (2003). Performance in international construction joint ventures: Modeling perspective. *Journal of Construction Engineering & Management*, November-December 2003, pp. 619-625. Article cited:
  - Choudhury (2001). Cross-cultural training of project personnel in implementation of international construction projects by US contractors. *Journal of Construction Education*, 6(1).
6. Ogunsemi, D. R. & Jagboro, G. O. (2006). Time-cost models for building projects in Nigeria. *Construction Management and Economics*, 24, pp. 253-258. Article cited:
  - Choudhury, Khan, & Matin (2002). Relationship between construction time and project cost in health sector construction works in Bangladesh. *38<sup>th</sup> Annual Conference of the American Schools of Construction*. Roanoke, Virginia: Virginia Polytechnic and State University. April 2002.
7. Innovative Water Solutions (2004).  
<http://www.watercache.com/standard.php?p=resources>  
Article cited:
  - Choudhury & Vasudevan (2003). Factors of biological contamination of harvested rainwater for residential consumption. *Hawaii International Conference on Social Sciences*. Honolulu, Hawaii: University of Hawaii. June 2003.
8. Green Building Program (2002). *Sustainable building sourcebook*. Online guidebook. <http://www.greenbuilder.com/sourcebook/rainwater.html>. Article cited:
  - Woods & Choudhury (1991). The potential for residential use of rainwater in Texas. *Annual Meeting of the American Association of Housing Educators*. Durham, New Hampshire.

INVITED LECTURES

1. An analysis of project delivery systems in commercial construction. *Global Symposia Presentations*, College of Architecture, Texas A&M University. October 2007
2. Factors of construction time for food grain warehouses in Bangladesh. *Global Symposia Presentations*, College of Architecture, Texas A&M University. November 2006.
3. Construction education in Bangladesh at an undergraduate level. US Embassy in Dhaka, Bangladesh. July 2005.
4. Time-cost relationship in construction projects. University of Asia Pacific, Dhaka, Bangladesh. June 2005.
5. Cross-cultural training and productivity in international construction. *8<sup>th</sup> National Congress of Civil Engineers*, Universidad de las Americas, Cholula, Puebla, Mexico. January 2002.
6. Domestic water consumption: Rainfall as a determinant of water demand. *Faculty Abroad Seminar in Mexico*. Instituto Politecnico Nacional, Mexico City, Mexico. May 2001.
7. Productivity in international construction. *Faculty Abroad Seminar in Mexico*. UNAM, Mexico City, Mexico. May 2001.
8. Issues related to international construction. *Faculty Abroad Seminar in Mexico*. Heroic Military College, Mexico City, Mexico. May 2001.
9. Cross-cultural training of project personnel. *Global Symposia Presentations*, College of Architecture, Texas A&M University. October 2000.
10. Correlates of student performance in construction science courses. *Global Symposia Presentations*, College of Architecture, Texas A&M University. October 1999.
11. Mechanical and electrical systems for buildings. *NCARB Registration Exam*. May 1998.

CONSULTING: DESIGN AND PROJECT MANAGEMENT SERVICES

Worked as a principal of Sthapati Sanghshad Ltd., an A/E firm, from 1979 to 1990 and provided design, supervision, and project management services of the following construction works (all these projects except the Office-cum-Shopping Complex and two office buildings included the design of staff housing):

Project	Location	Client	Year
Office-cum-Shopping Complex (Did only feasibility studies and preliminary design for this project)	Dhaka, Bangladesh	Islamic Development Bank	1989 to 1998
Shahjalal University of Science & Technology	Sylhet, Bangladesh	Government of Bangladesh	1987 to 1990
Poultry Complex	8 semi-urban areas in Bangladesh	The Netherlands Embassy in Bangladesh	1986
Food warehouses	90 semi-urban areas in Bangladesh	The Netherlands Embassy in Bangladesh	1984 to 1989

Medical Assistant Training Schools	4 cities in Bangladesh	The Netherlands Embassy in Bangladesh	1984 to 1989
Technical Training Centers	5 cities in Bangladesh	The World Bank and the Government of Bangladesh	1981 to 1986
Upazilla Hospitals	19 semi-urban areas in Bangladesh	The World Bank and the Government of Bangladesh	1980 to 1985
Office Building	Dhaka, Bangladesh	Bangladesh Bar Council	1980
Office Building	Dhaka, Bangladesh	National Foundation for Human Resources Development	1979 to 1981

CONFERENCES  
ATTENDED

1. Annual Conference of the American Society for Engineering Education. Austin, TX. June 2009.
2. ASEE Gulf Southwest Annual Conference. Waco, TX. March 2009.
3. Building Abroad Conference sponsored by CIB. Montreal, Canada. October 2008.
4. COBRA: Annual Conference of the Royal Institute of Chartered Surveyors. Dublin, Ireland. September 2008
5. Annual Conference of the American Society for Engineering Education. Pittsburgh, PA. June 2008.
6. 6<sup>th</sup> ASEE Global Colloquium on Engineering Education. Istanbul, Turkey: ASEE. October 2007.
7. Annual Conference of the American Society for Engineering Education. Honolulu, HI. June 2007.
8. 43<sup>rd</sup> Annual Conference of the American Schools of Construction. Flagstaff, Arizona. April 2007.
9. 5<sup>th</sup> International Conference on Construction Project Management. Singapore. March 2007.
10. ASEE Gulf Southwest Annual Conference. South Padre Island, TX. March 2007.
11. 5<sup>th</sup> ASEE Global Colloquium on Engineering Education. Rio de Janeiro, Brazil: ASEE. October 2006.
12. Annual Conference of the American Society for Engineering Education. Chicago, IL. June 2006.
13. 42<sup>nd</sup> Annual Conference of the American Schools of Construction. Fort Collins, Colorado. April 2006.
14. ASEE Gulf Southwest Annual Conference. Baton Rouge, Louisiana. March 2006.
15. 33<sup>rd</sup> IAHS World Congress on Housing. Pretoria, South Africa. September 2005.
16. Annual conference for Fulbrighters in South Asia. Kozhikode, India. January 2005.
17. Orientation Conference for Fulbrighters. Washington, D.C. July 2004.
18. CIB World Building Congress. Toronto, Canada. May 2004.
19. 40<sup>th</sup> Annual Conference of the American Schools of Construction. Provo, Utah. April 2004.
20. 4<sup>th</sup> International Conference on Construction Project Management. Singapore. March 2004.
21. Global Symposia Presentations. College of Architecture, Texas A&M University, College Station, Texas. October 2003.
22. Hawaii International Conference on Social Sciences. Honolulu, Hawaii. June 2003.
23. International Conference on Construction Information Technology sponsored by CIB. Auckland, New Zealand. April 2003.
24. 39<sup>th</sup> Annual Conference of the American Schools of Construction. Clemson, South Carolina. April 2003.
25. ASEE Gulf Southwest Annual Conference. Arlington, Texas. March 2003.
26. Global Symposia Presentations. College of Architecture, Texas A&M University, College Station, Texas. October 2002.
27. International Conference on Open Buildings sponsored by CIB. Mexico City, Mexico. October 2002.
28. Annual Conference of Region V, Associated Schools of Construction. Dallas, Texas. September 2002.
29. Hawaii International Conference on Social Sciences. Honolulu, Hawaii.

## Service Activities

FIELD OF INTEREST	Global perspectives in construction education
ACADEMIC: DEPARTMENT LEVEL	<ol style="list-style-type: none"><li>1. Graduate Program Coordinator, Department of Construction Science, 2005 - 2007.</li><li>2. Academic Advisor, Undergraduate Students, Department of Construction Science, 1997 to present.</li><li>3. Member, Search Committee, Department of Construction Science, 2007.</li><li>4. Member, Scholarship Committee, Department of Construction Science, 2007.</li><li>5. Coordinator, Reciprocal Student Exchange Program between NUS and TAMU. 1997-2004.</li><li>6. Chair, Awards Committee, Department of Construction Science, 2003.</li><li>7. Member, Graduate Program, Department of Construction Science, 2001 to present.</li><li>8. Member, Undergraduate Program (Science Group), Department of Construction Science, 2001 to present.</li><li>9. Member, Search Committee, Department of Construction Science, 2000.</li><li>10. Member, Research Committee, Department of Construction Science, 1999.</li><li>11. Member, Distance Education Committee, Department of Construction Science, 1999.</li><li>12. Member, Capital Development Committee, Department of Construction Science, 1998.</li><li>13. Member, Curriculum Committee, Department of Construction Science, 1997.</li></ol>
ACADEMIC: COLLEGE LEVEL	<ol style="list-style-type: none"><li>1. Member, Selection Committee, College of Architecture Outstanding Alumni, 2007.</li><li>2. Member, PhD Committee, College of Architecture, 2006-2007.</li><li>3. Member, International Faculty Steering Committee, College of Architecture, 2003 to present.</li><li>4. Member, International Programs Committee, College of Architecture, 2000 to 2002.</li><li>5. Member, Working Group for International Programs, College of Architecture, 1997 to 1999.</li></ol>
ACADEMIC: UNIVERSITY LEVEL	<ol style="list-style-type: none"><li>1. Senator, University Senate, 2007 to present</li><li>2. Member, By-law Committee, University Senate, 2007 to present.</li><li>3. Member, Selection Committee, AFS Distinguished Achievement Awards, 2007.</li><li>4. Member, Library Committee, 2003 to present.</li><li>5. Member, Scholarship Committee, 2003 to present.</li><li>6. Mentor, Graduate Teaching Academy, Texas A&amp;M University. 2000 to present.</li></ol>

ACADEMIC:  
INTERNATIONAL  
LEVEL

1. Member, Committee for Supervision of M.S. thesis by M. Zakir Ahsan and Shamima Rowshan Ara of University of Asia Pacific, Dhaka, Bangladesh. 2004-05. (Thesis title: Alkali Silica Reaction Induced Expansion of Concrete Beams with Different Conditions.)
2. Member, Committee for Supervision of M.S. thesis by M. Abdullah Al-Mamun and Shilpi Banik of University of Asia Pacific, Dhaka, Bangladesh. 2004-05. (Thesis title: Corrosion of Cement Paste Coated Steel Bars in Marine Concrete.)

CULTURAL:  
UNIVERSITY LEVEL

1. Faculty Advisor, Bangladesh Student Association, Texas A&M University. 1997 to present.

PROFESSIONAL:  
INTERNATIONAL  
LEVEL

1. Member, W062: Working group for water supply and drainage, CIB.
2. Member, W107: Working group for construction in developing countries, CIB.

REVIEW OF BOOKS,  
JOURNAL PAPERS  
AND CONFERENCE  
PROCEEDINGS

1. Reviewer, "Minimum Cost Polygon Overlay with Rectangular Shape Stock Panels," submitted for publication in International Journal for Construction Education and Research, January 2008.
2. Reviewer of four papers submitted for presentation and publication in the proceedings 44<sup>th</sup> Annual Conference of the American Schools of Construction. Auburn, AL, April 2008.
3. Reviewer of two papers submitted for presentation and publication in the proceedings Annual Conference of the American Society for Engineering Education, Pittsburgh, PA, June 2008.
4. Reviewer, "An entropy and support vector machine model for the estimation of residential property price," submitted for publication in Construction Management and Economics, September 2007.
5. Reviewer of four papers submitted for presentation and publication in the proceedings 43<sup>rd</sup> Annual Conference of the American Schools of Construction. Flag staff, Arizona, April 2007.
6. Reviewer, "Identifying and assessing the principal factors affecting project overhead expenses: an exploratory factor analysis approach," submitted for publication in Construction Management and Economics, December 2006.
7. Reviewer, "Dynamics of assisted home ownership in Hong Kong and Singapore: a macroeconomic approach," submitted for publication in Construction Management and Economics, February 2006.
8. Reviewer, "Damp Buildings and Mold Incorporating Indoor Air Sciences into Construction Education Curricula," submitted for publication in International Journal for Construction Education and Research, October 2005.
9. Reviewer, "Wind, Rain and Bacteria: The Effect of Weather on the Microbial Composition of Roof Harvested Rainwater" submitted for publication in Water Research: Journal of the International Water Association, September 2005.
10. Reviewer, Procedure for Accreditation of Architectural Schools in Bangladesh, Dhaka, Bangladesh, February 2005.
11. Reviewer, Curriculum for Urban Design Program at Independent University of Bangladesh, Dhaka, January 2005
12. Reviewer of Global Engineering and Construction, proposed textbook by Dr. Janet Yates (Publisher: John Wiley & Sons), January 2005.

MISCELLENEOUS

1. Judge, Excellence in Construction Award, ABC North Texas Chapter, September 2003.
2. Session Chair, Hawaii International Conference on Social Sciences, Honolulu, Hawaii. June 2003.
3. Member-in-Training, ACCE Accreditation Team, John Brown University, Siloam Springs, Arkansas. March 2003.
4. Moderator, 38<sup>th</sup> Annual Conference of the American Schools of Construction. Virginia Polytechnic and State University. April 2002.
5. Session Chair, ASEE Gulf Southwest Annual Conference. Lafayette, Louisiana. March 2002.
6. Session Chair, 3<sup>rd</sup> International Conference on Construction Project Management. Singapore. March 2001.