

M. Saleh Uddin, Ph. D., Professor
Department of Architecture

M. SALEH UDDIN, Ph.D.

Professor and Coordinator of 2nd Yr. Design and Design Communication
Department of Architecture, Southern Polytechnic State University, Georgia

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C O N T A C T A D D R E S S

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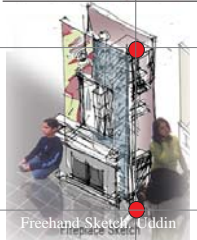
1. EDUCATION

Ph.D. : (Computer Representation / Urban Design): University of Sheffield, United Kingdom.

M. Architecture: (Urban Design): Kent State University, Kent, Ohio.

B. Architecture: Bangladesh University of Engineering and Technology, Dhaka, Bangladesh, Gold Medal Recipient.

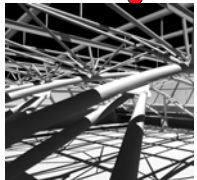
2. TEACHING EXPERIENCE



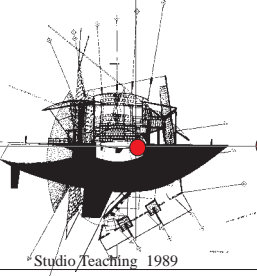
Freehand Sketch, Uddin



Fireplace Design, 2003
Uddin



2004 Digital Studio



Studio Teaching 1989

- **January 2007 - Present:** Professor (tenured), Coordinator of 2nd Yr Studios and Design Communication Studios, Department of Architecture, Southern Polytechnic State University, Georgia.
Teaching Responsibilities: 2nd Year Design Studios, Design Communication (both conventional and electronic), 3D Computer Modeling and Animation, and Thesis.
- **May 2006 - January 2007:** Professor and Founding Chair, American International University-Bangladesh (Dhaka).
- **August 2000 - May 2006:** Professor (tenured) and Coordinator, Graduate Program in Design with Digital Media, Department of Architectural Studies, University of Missouri-Columbia.
Teaching Responsibilities: Undergraduate Beginning Design Studios, Graduate Digital Studio, Design Communication (both conventional and electronic), 3D Computer Graphics, Electronic Portfolio, and Graduate Thesis. Supervise MA, MS and Ph.D. students.
- **April 1997 - August 2000:** Professor (tenured). School of Architecture, Southern University.
August 1992 - August 1996: Associate Professor (tenure-track), School of Architecture, Southern University, Baton Rouge, Louisiana (Accredited 5-yrs. Professional Program).
Teaching Responsibilities: 1st, 2nd, and 3rd year Design Studios, Architectural Graphics, Graphic Representation, 3D Model & Computer Graphics.
- **September 1988 - August 1992:** Architecture Professor, Savannah College of Art and Design (SCAD), Savannah, Georgia (Accredited 5-yrs. Professional Program)
Teaching Responsibilities: 3rd year design Studios, Architectural Graphics, Advanced Architectural Presentation, and Introduction to Architecture.
- **Fall 87 and Spring 88:** Adjunct Instructor of Architecture, Kent State University, Kent, Ohio.
Course Taught: Understanding Architecture.
Spring 87: Graduate Teaching Assistant, Kent State University, Kent, Ohio.

September 85 - July 86: Assistant Professor, Department of Architecture. Bangladesh University of Engineering and Technology, Dhaka.

Teaching Responsibilities: 1st, 2nd, 3rd Yr. Design Studios, History of 20th C. Art and Architecture, Architectural Graphics, and Photography and Graphic Reproduction.

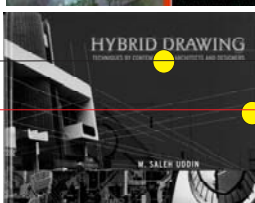
August 82 - August 85: Lecturer, Department of Architecture, Bangladesh University of Engineering and Technology, Dhaka.

Teaching Responsibilities: 1st, 2nd yr. Design Studios, and Architectural Graphics.

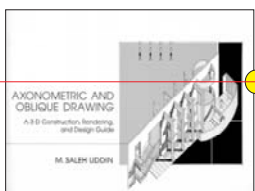
3. PUBLISHED TEXT/REFERENCE BOOKS



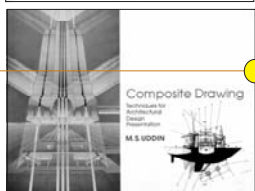
• M. Saleh Uddin, **DIGITAL ARCHITECTURE: Turn Vision into Virtual Reality with 3D Graphics - Hardware, Software, Tips, and Techniques from 50 Top Designers.** Publisher: McGraw-Hill Inc. ISBN 0-07-065814-5. April 1999. US \$ 49.95. (Also translated in Chinese)



• M. Saleh Uddin, **HYBRID DRAWINGS BY CONTEMPORARY ARCHITECTS AND DESIGNERS.** Publisher: Van Nostrand Reinhold (now John Wiley & Sons). ISBN 0-471-29274-5 April 1999. US \$ 49.95.



• M. Saleh Uddin, **AXONOMETRIC AND OBLIQUE DRAWING: A 3D Construction, Rendering, and Design Guide,** Publisher: McGraw-Hill Inc. ISBN 0-07-065775-1. April 1997. US \$ 49.95. (Also translated in Chinese and Spanish language)



• M. Saleh Uddin, **COMPOSITE DRAWING: Techniques for Architectural Design Presentation.** Publisher: McGraw-Hill Inc. ISBN 0-07-065749-1. January 1997. US \$ 49.95. (Also translated in Chinese and Spanish language)



4. BOOKS & PROPOSALS REVIEWED

Third edition of *Graphic Thinking for Architects and Designers* by Paul Laseau. Book reviewed for Van Nostrand Reinhold (now John Wiley), 1997.

The Vision Sustained by Wladek Fuchs. John Wiley & Sons, 1999.

Cinematic Language in Animation by Richard Helmick. John Wiley & Sons, 2001.

5. GRANT SECURED (INSTITUTIONAL AND RESEARCH)

- ● — PI, Blast Mitigation Research Grant. US Airforce. \$205,000. April 2005 -April 2006.
- ● — Wonderland Camp Architectural Animation, Missouri. US \$ 15,000. Dec. 2004.
- ● — MEM Building Animation. Simon Oswald Associates, \$10,000. Nov. 2004.
- ● — Jesse Hall Recognition Wall project. Univ. of Missouri. US \$ 10,000. Aug. 2004.

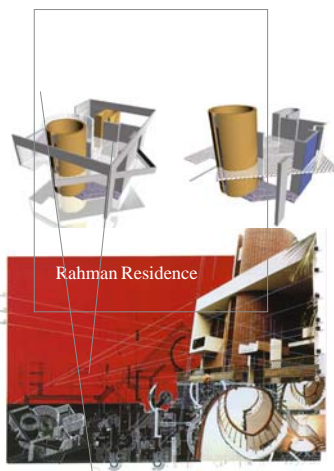
- ● — University of Missouri Library Animation. US \$ 10,000. Dec. 2003.
- ● — Peckham & Wright Architects, Columbia, Missouri. US \$ 3,500 to produce 3D rendering. Oct. 2003
- ● — Tennessee State University. US \$ 2, 250 to produce a multimedia for the Chemistry Department. Aug. 2003
- ● — Faculty Development Grant. US \$ 5,000 (to start a new digital resource library). University of Missouri-Columbia. 2002.
- ● — Internationalizing the Undergraduate Curriculum Grant. US \$ 1,000. University of Missouri-Columbia. 2001.
- ● — Secured Faculty Development Grant to pay 75% salary and time release for two years to pursue doctoral studies. 1997-99.
- ● — Director, Title III US Federal Government Grant for School of Architecture Enhancement, Southern University. US \$ 300,000.00 to construct computer labs and various academic development activities. 1996-97.
- ● — McGraw-Hill research grant. US \$ 10,000.00 to publish Digital Architecture book. 1996.

6. PUBLISHED PAPERS / ABSTRACTS / PRESENTED PAPERS

- ■ — *Simulation of Daylight in the Architecture of Louis I. Kahn: a Study of the Un-Built Hurva Synagogue*, Education in Computer Aided Architectural design in Europe, Antwerp, Belgium, Sep. 16– 20, 2008.
- ■ — *Natural Behavior and Computational Logic for Optimization of Architectural Design* (with Ashik Vashkor Mannan), Education in Computer Aided Architectural design in Europe, Frankfurt, Germany, Sep. 26– 29, 2007.
- ■ — *Animation Techniques to Represent Graphic Analysis of Architecture: A Case Study of Richard Meier's Atheneum*, Education in Computer Aided Architectural design in Europe, Lisbon, Portugal, Sep. 21– 24, 2005.
- ■ — *People and Digital Space: Simplified Options of Scaled Figures in 3D* (with graduate students). *Representation 2004*, The Journal of Design Communication Association.
- ■ — *Mass and Wall: The Representation of Ongoing Change in Relationship* (with graduate student Arefeen Ibrahim). The 22nd ECAADE (Education in Computer Aided Architectural Design in Europe) Conference, Copenhagen, Denmark, Sep 15 - 18, 2004.
- ■ — *Are We Going Overboard with 3D Modeling and Animation?* Design Communication Assoc. Conference, Cal Poly, San Luis, Obispo, Jan 8-10, 2004
- ■ — *Computer Representation Techniques for Architectural Analysis: A comparison between Game and Web 3D Environments* (with graduate students). Design Communication Assoc. Conference, Cal Poly, San Luis, Obispo, Jan 8-10, 2004
- ■ — *House X, Scheme G: From 3D Game Engine to Virtual Representation of Architecture*. Design Communication Association Conference, Clemson University, South Carolina, Jan 3-5, 2002
- ■ — *Extents and Limitations of 3D Computer Models for Graphic Analysis of Form and Space in Architecture*. The 19th ECAADE (Education in Computer Aided Architectural Design in Europe) Conference, Helsinki, Finland. Aug 29-31, 2001.
- ■ — *Interactive Understanding of Louis I. Kahn's Architecture of National Assembly Complex in Dhaka*. American Association of Bangladeshi Engineers and Architects Technical Seminar. Washington DC. Jan 27, 2001.
- ■ — *Interactive Representation Techniques for Form and Space Analysis*. Platform_c Cappadocia Academy, Cappadocia, Turkey. Sep 3-24, 2000.

- *Beyond Mere Representation: The Changing Perspective of Computer Use in American Architecture.* The 17th Conference of ECAADE. The University of Liverpool, United Kingdom, Sep 15-18, 1999.
- *Urban Morphology and Louis I Kahn's Dhaka Capital City.* ACSA Southeast Regional Conference. Hampton University, Virginia, Oct 19-21, 1996.
- *Repositioning Axonometry: An Alternative to Perspective Drawing.* 13th National Conference on Beginning Design Students. Louisiana State University, Mar 28-31, 1996.
- *Architectural Form-Organization Analysis of Sher-e-Banglanagar: A Tropical Coastal Urban Design by Louis I. Kahn.* International Symposium on Tropical Coastal Urban Design. Hainan, China Apr 20-25, 1993.
- *Stereo Photography: A Three-Dimensional Method of Architectural Representation.* Design communication Conference. Birmingham, Alabama, Apr 2-4, 1993.
- *Basic Design and Architectural Design: The Missing Link* The Tenth National Conference on Teaching the Beginning Design Student. Tulane University, Mar 26-28, 1993.
- *Composite Drawing: Its Strength in Architectural Presentation.* Representation 1992, the journal of Design Communication Association.
- *Nature of Abstract Projects and Beginning Architecture Studios.* Ninth National Conference on the Beginning Design Student. Seaside Florida, Apr 3-5, 1992.
- *Intentions and Trends of Modernism: Architecture of Bangladesh.* Published in Sangbarta, A biannual Journal of Bangladeshi Culture and Development. Atlanta, Georgia.
- *Architecture: Context and Culture.* Graduate Student Research Conference. Kent State University. April 08, 87.
- *The Architect and the Architecture of National Assembly Building.* Published in a national daily Bengali newspaper. March 86, Dhaka, Bangladesh.

7. AWARDS / ACADEMIC HONORS



- AIA MidMissouri Design Awards 2005. Honorable Mention in Unbuilt Category. Project: Wonderland Camp Recreational and Educational Facilities (team project in Graduate Studio).
- Recipient of the *2004 Innovator Award for Advancing Teaching with Technology Award*, University of Missouri-Columbia.
- *Award of Excellence*, 1996 Jurors' Award. American Society of Architectural Perspectivists. Project: Rahman Residence, Dhaka, Bangladesh (built project).
- Recipient of the *Teacher of the Year Award*. Southern University 1994-95 Faculty Awards.
- Recipient of the *College Teacher of the Year Award* for Architecture. Southern University 1994-95 Faculty Awards.
- Recipient of *International Award* for the paper "Architectural Form-Organization Analysis of Sher-e-Banglanagar: A Tropical Coastal Urban Design" at Haikou International Symposium on Urban Design, Haikou, China. April 1993.
- Tau Sigma Delta; *School of Architecture and Environmental Design Honors* for academic excellence, 1988. Kent State University.
- *International Student Award* for maintaining exceptional standard of scholarship. Office of the International Student Affairs, 1988. Kent State University.
- *Design-Built First Prize*; Pavilion for Steel and Engineering Corporation, Industrial Fair 1980, Dhaka, Bangladesh.
- Best B. Arch. *Design Thesis Award and Gold Medal*; Dept. of Architecture, Bangladesh University of Engg. and Technology, 1981.
- *Mohona Appreciation Award*. For outstanding services and contribution to Bangladeshi communities in North America, 1997.



- *ACSA News*, December 1994 issue (volume 24, Number 4, pages 16, 17, 18 and 19). Featured three design projects from third year design studio.
- *ACSA News*, September 1994 issue (volume 24, Number 1, page 14). Featured two projects from second year graphic representation studio.
- *ACSA News*, April 1993 issue (volume 22, Number 8, pages 2, 3 and 4). Featured nine drawings and models from third year design studio.
- Student competition winner from the 6th Annual Design Communication Conference featured in the issue of 1994 *Representation*, the annual journal of the association. P. 60.
- Student competition winners from the 5th Annual Design Communication Conference featured in the issue of 1993 *Representation*, the annual journal of the association. P. 58 and 63.
- Student competition winners from the 4th Annual Design Communication Conference featured in the issue of 1992 *Representation*, the annual journal of the association. Pages 66 and 67.
- *Architecture/Georgia Journal* for Georgia Association of the American Institute of Architects (AIA) published the project "Dwelling on a bridge" (3rd Yr. studio, spring 90) in January 1991 issue (page 24).
- Student competition winners from the 3rd Annual Design Communication Conference featured in the issue of 1991 *Representation*, proceedings of the conference. Pages 56 and 59.

10. PROFESSIONAL EXPERIENCE

- AA Luketic Architects, Rootstown, Kent, Ohio. (May 88 - Aug.88)
- City Planning Commission, City Hall, Cleveland, Ohio. (June 87 - May 88)
- Michael Benjamin Architects, Shaker Square, Cleveland, Ohio. (May 87 - June 87)
- Thomas Stauffer Architects, North Water Street, Kent, Ohio. (Dec. 86 - May 87)
- Independent Design Practice, Dhaka, Bangladesh (Sep 82 - July 86)
- Dexterous Consultants Ltd. Dhanmondi, Dhaka, Bangladesh. (Aug. 81 - Aug. 82)

11. SELECTED PROFESSIONAL/BUILT WORK



AIUB Interior, 2006



Own residence, 2003



- Own residence at Pine Tree Lane, Columbia, Missouri, 2003
- Interior, Department of Architecture, American International University-Bangladesh, 2606
- Addition to 350 McCook Circle, Kennesaw, Georgia, 2008
- Islamic Academy of Columbia, South Carolina (unbuilt)
- Dental Clinic. Cleveland, Ohio (Michael Benjamin Architects)
- Residential houses. Kent - Akron area, Ohio (AA Luketic Architects)
- Architectural Model of Cleveland Downtown (Cleveland City planning Commission)
- Design and working details; 20-storied Administrative Building of T & T Board, 36 Mymensingh Rd. Dhaka (Dexterous Consultants Ltd.)
- Master Plan for Bangladesh Sugar and Food Industries (Dexterous Consultants Ltd.)
- Low cost Housing for Rural Electrification Board (Dexterous Consultants Ltd.)
- Residence for Mr. Hasan Abdul Fattah. Margl Falah, Al-Banayet, Amman, Jordan, 1982.
- Single family Residence for Mr. M. Rahman. Block B/11, Lalmatia (adjacent to Louis Kahn's site), Dhaka, 1984.
- Single Family Residence for Mr. Khairul Anam. Rd.73, Gulshan Model Town, Dhaka, 1984.
- Single Family Residence for Captain Belayet Hussain. Rd. 73, Gulshan, Dhaka, 1982.
- Duck Chinese Restaurant. Interior, facade design, and construction. 40 New Elephant Rd. Dhaka, 1983.

CURRENT PROJECTS

- 300-Bed Private Hospital and Institute, Mirpur, Dhaka, Bangladesh. Design phase 2009-10
- Addition to House #6, Rd. # 12, Baridhara, Dhaka, Bangladesh

12. COMPUTER SKILLS / EDUCATION

Fluent in several 3-D architectural modeling, rendering, animation, multimedia authoring, desktop publishing, on-screen presentation, and digital video editing programs on both Macintosh and Windows platforms. Also holds knowledge on hardware and new lab setup.

13. JOURNAL EDITOR

(International, national and regional level professional journals)



- Editor, 2009 Design Communication Conference Proceedings. Atlanta, USA.
- Editor/Associate and Production Editor of *REPRESENTATION*, The National Journal of the Design Communication Association, 2008-10, 2007-08, 2005-06, 2004-05, 2002-03, 2000-01, 1998-99, 1996-97, and 1994-95 issues. Published in the USA. Responsibilities include graphic design and production of the annual journal for the association.
- USA Correspondent, 1995. *EARTH*, Quarterly International Journal (on Environment, Architecture, Research, Technology and Human Settlement) published from Dhaka, Bangladesh.
- Initiator and executive and graphic editor. *ARCH-I-TEXT*, Newsletter of Southern University School of Architecture. First issue published in the Spring of 1993.
- Associate Editor. South Georgia Chapter of the AIA bimonthly Newsletter *ARCHITYPE* (1989 - Summer 1992).
- Co-Editor of *SANGBARTA*, a bilingual (English and Bengali) journal of Bangladeshi Culture and Development. 1989 - 1992.
- Member of the publication committee. 2nd Regional Seminar on Regional Architecture of South-East Asia and Aga Khan Award for Architecture. Dhaka, 1985.

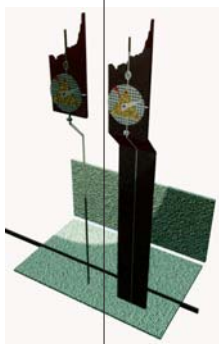
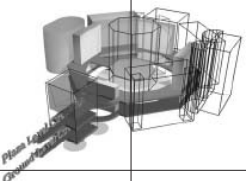
14. INVITED JUROR / DEMONSTRATION / WORKSHOP CONDUCTED

- Invited Ph.D. External Examiner, Department of Architecture, University of Sheffield, UK. Oral Examination. date February 2008. Candidate: P. Maneesatid.
- Invited juror, 2008 National Competition of American Society of Architectural Illustrators, Montana, January 26, 2008.
- Paper Session Chair, Session #5, Session Title: Function. Design Communication Conference, Ball State University, Indiana, Sep. 12 – 15, 2007.
- Invited speaker, Winter Lecture Series, Texas A&M University. *Seeing Through Computers*, College of Architecture, Texas A&M Univ., College Station, March 05, 2004.
- Invited workshop conductor; *Digital Rendering Workshop*, Design Communication Conference, Cal Poly, San Luis, Obispo, Jan 8-10, 2004.
- Invited juror; *Ken Roberts Memorial Competition*, AIA Dallas Chapter, November 6-7, 2001.
- Lecture; *Hybrid Drawings*. University of Sheffield, United Kingdom, May 1999.
- Demonstration-workshop; *Form•Z vs. Design Workshop: Conceptual Modelers for Designers*. Conference of the Design Communication Association, January 8-10, 1998. University of Arizona, Tucson.
- Demonstration; *3D Computer Model and Liquid Image*. Multimedia Consortium of Louisiana. Lafayette Parish School Board, September 26, 1996.

Five day workshop for high school art teachers. Conducted two workshops; *Applied Product Design and Construction Workshop* and *Architectural Rendering in Airbrush Workshop*. Art Educators' Forum at Savannah College of Art and Design, Summer 1992.

Portfolio Workshop for Architecture, Interior Design, and Historic Preservation students; *How to make a good portfolio*. Savannah College of art and Design, May 10, 1990.

15. CREATIVE WORK / DRAWINGS PUBLISHED / DISPLAYED



- Cover story titled *Virtual Architecture* highlighting use of computer video game environment and 3D modeling for teaching published in *Mizzou Magic*, Fall 2002 issue. Pages 12 and 13.

- Cover story titled *Contemporary Living with Architectural Distinction* highlighting design and construction of own house published in *Columbia Home*, October/November 2003 issue. Pages 28 - 36.

- 3D computer images of design work selected for publication in the book, *Architectural Drawing: A Visual Compendium of Types and Methods*, by Rendow Yee. John Wiley & Sons, New York, 2002 edition.

- Solid-void 3D computer generated images of Louis I. Kahn's Assembly Building. *ACSA NEWS*, March 2000. P. 3.

- 3D analytical computer models published in the book, *Architectural Representation Handbook: Traditional and Digital Techniques for Graphic Communication*, authored by Paul Laseau (pages 224-229). McGraw-Hill, New York, 2000.

- A series of analytical computer models published in the book, *Information Technology for Architects and Engineers Incorporating U.K. Case Studies*, authored by Michael Phiri, PhD. Thomas Telford Publishing, London, 1999.

- Drawing and design work published in the book, *Architectural Drawing: A Visual Compendium of Types and Methods*, by Rendow Yee. John Wiley & Sons, New York, 1997 (additional images in the 2001 edition).

- Design drawing featured in the book, *Architecture in Color Drawing*, by John S. M. Chen. Publisher McGraw-Hill Inc., New York, 1997.

- Work exhibited internationally through the *American Society of Architectural Perspectivists Eleventh Annual Traveling Exhibition*, 1996.

- Work Published in the book, *Architecture in Perspective: 11th International Competition of Architectural Illustration*. Rockport Publishers, 1996.

- Computer aided drawing published in the cover of *McGraw-Hill architecture & Construction Book Catalog*. Spring 1995 issue.

- Drawing and design displayed (published in the proceedings *Collaborating & Constructing*) at the *ACSA Southeast Regional Conference*, University of Southwestern Louisiana, LA. Oct. 1994.

- Contemporary product design (clock) and oil painting exhibited in the *Art Exhibition of the North America Bangladesh Convention*, Dallas, September 1 & 2, 1990.

- Display of product design. *Worldfest International Show at Atlanta Galleria*, Georgia. Oct 13-15, 1989.

- Participant, *National Young Painters Exhibition*, 1982, Dhaka, Bangladesh.

- Participant, *Group Painting Exhibition*, 1980, Dhaka, Bangladesh.

- Participant, *Creative Amateurs - A Painting exhibition*, 1979, Dhaka, Bangladesh.

16. GRAPHIC DESIGN (Web & Printed Works)



- *Website*, Dept. of Architecture, Southern Poly State Univ., Georgia, 2009 (trial version.) http://spsu.edu/architecture/classes/Uddin_ArchWeb/
- *Website*, 2009 Design Communication Conference. http://spsu.edu/architecture/classes/Uddin_ArchWeb/EventsActivities/DCA2009WebSite/IndexDCA2009.htm
- *Website*, Dept. of Architecture, American International University-Bangladesh, 2006 www.aiub.edu/architecture
- *Website*, Personal website of Saleh Uddin. Link: www.salehuddin.com
- *Brochure*, Department of Architecture, Southern Poly State University, 2009.
- *Banner, Conference Proceedings, Name tags*, Design Communication Conference, 2009.
- *Poster (17"x22")*, Graduate Program in Design with Digital Media, U of Missouri, 2001
- *Brochure*, The Islamic School of Missouri-Columbia, 2001.
- *Logo for Digi-image*, Digital Imaging company in Nashville, Tennessee, 2000
- *Representation*, Journal of the Design Communication Association, 2008, 2006, 2004, 2002, 2000, 1998, 1996 and 1994.
- *Brochure*, School of Architecture, Southern University, Baton Rouge, 1997.
- *Stationary Design*, One-Hour Photo, Wal-Mart, Baton Rouge, 1996.
- *Graphic Consultant*. Book, Stolen Innocence by Dr. Ivory Toldson, 1996.
- *Design and construction of stage-set and backdrop*, Atlanta, 1995.
- *Logo and T-Shirt Design*, Bangladesh Association of Georgia, Atlanta, 1990.
- *Poster*, School of Architecture, Kent State University, 1987.
- *Invitation Folder*, Cleveland Symposium-2, 1987.
- *Poster*, 2nd Regional Seminar. The Aga Khan Award for Architecture. Dhaka, Dec. 85.
- *Front Cover*, Publication of Participants Papers. 2nd Aga Khan Seminar, Dec. 85.
- *Brochure*, Dept. of Architecture, Bangladesh Univ. of Engineering and Tech., 1985.

17. REGISTRATION / MEMBERSHIP

- Co-President, Designed Communication Association (2009-2010)
- Chartered and Executive Board Member, Designed Communication Association
- Registered Member, Institute of Architects Bangladesh (IAB)
- Member, ECAADE (Education in Computer Aided Architectural Design in Europe)
- Member, ASAP (American Society of Architectural Perspectivists)
- Faculty Councilor, (ACSA) Association of Collegiate Schools of Architecture
- Program Advisor, Department of Architecture, BRAC University, Dhaka, Bangladesh
- Member, Multimedia Consortium of Louisiana
- Faculty Advisor, Bangladesh Students Association, U of Missouri-Columbia

18. COUNTRY TRAVELLED

Bangladesh, Belgium, China, Denmark, Finland, France, Germany, Hong Kong, India, Italy, Malaysia, Pakistan, Portugal, Singapore, Turkey, United Arab Emirates, United Kingdom