

Short Bio:

Dr. Mohammed E. Haque, P.E. is a Emeritus professor of the Department of Construction Science at Texas A&M University at College Station, Texas. He joined the Construction Science Department in July 2000 as a tenure-track Associate Professor, got his tenure in 2003, and promoted to Professor in 2007. Dr. Haque has brought with him to Texas A&M University five plus (5+) years of prior teaching experience and fourteen plus (14+) years of professional experience in analysis and design, planning and management of bridges, tunnels and building projects valued over 250 million dollars. His professional experience includes structural analysis and design of bridges (steel, concrete, and prestressed concrete), buildings, and special structures, such as catenary poles and high mast towers and their foundations, load ratings for highway and railway bridges, project management for structural projects with various City and State agencies. Before he move back to academia in 1998, Dr. Haque worked for seven (7) years with the New York City Metropolitan Transportation Authority – Bridges & Tunnels (previous name: **Tri-borough Bridge and Tunnel Authority, TBTA**) in New York City as an Administrative Project Coordinator and Supervising Structural Engineer for the Technical Services in Engineering and Construction Division, and was involved with diversified responsibilities including in-depth review of Consultant-designed drawings and technical specifications, addressing technical, constructibility, maintainability and durability issues, and resolving field problems arising during the construction phases. He supervised and developed in-house design projects, and computer aided Bridge and Tunnel Management System. He was actively involved with the Bridge Management Database System, and the Capital Programming Database System, which provided the Authority with an analytical tool to assess near-term and long-term capital needs. He also worked for various New York City Consulting Engineering firms where he was involved with numerous buildings, bridges and other civil infrastructure design, inspection, evaluation and project management.

Dr. Haque is a registered Professional Engineer in the states of New York (since 1990), Pennsylvania and Michigan (since 1991), and involved in several professional organizations including members of the American Society of Civil Engineers (M. ASCE), American Society for Engineering Education (M. ASEE), American Concrete Institute (M. ACI), Educator Member of American Institute of Steel Construction (M. AISC), Charter Member of ASCE Engineering Mechanics Institute, and members of ACI Technical Committee 342 - *Evaluation of Concrete Bridges and Bridge Elements* and ACI Technical Committee 345 - *Concrete Bridge Construction, Maintenance and Repair*. Dr. Haque received a BSCE from Bangladesh University of Engineering and Technology, an MSCE and a Ph.D. in Civil/Structural Engineering from New Jersey Institute of Technology, Newark, New Jersey. As a structural engineer with a vast professional experience, Dr. Haque has been teaching primarily graduate/undergraduate structures courses in the Department of Construction Science since July 2000. He has published fourteen (14) refereed Journal articles, and eighty-three (83) Peer-reviewed Conference Proceedings articles. In graduate research advising, Dr. Haque served as Ph.D. Committee Member (8 completed); Masters Committee Chair (34 completed); and Masters Committee Member (35 completed).

Dr. Haque received many awards/recognitions including the first *Cecil O. Windsor, Jr., Endowed Professorship*, (2004 – 2008), *Distinguished Achievement Award in Teaching* by the Association of Former Students of Texas A&M University(2006), *2001- ASEE Best PIC V Paper Award* from American Society for Engineering Education, *2002- ISEC Best Paper Award* at the International Conference on Information Systems in Engineering and Construction (ISEC), Cocoa Beach, Florida, *2008- ASEE-GSW Best Paper Award (2nd Place)* from the Gulf-Southwest American Society for Engineering Education, and nominations for Best Paper Award - 2004 ASEE Annual Conference, Utah, and nomination for Best Paper Award - CATE 2004 at the 7th IASTED International Conference on Computers and Advanced Technology in Education, Aug. 16-18, 2004, Kauai, Hawaii.

Education

Ph.D. (Civil/Structural Eng.)- May 1995, [New Jersey Institute of Technology](#) , Newark, NJ

Dissertation: Composite Beam Analogy Fracture Model (CBAFM): A Non-linear Fracture Mechanics Model for Concrete.

Advisor: Dr. Farhad Ansari

MSCE (Civil/Structural Eng.)- May 1986, [New Jersey Institute of Technology](#), Newark, NJ

Thesis/Project: Computer Aided Analysis and Design for an Open-system building by using Banded Cantilever Approach.

Advisor: Dr. Rifaat Hussein

BSCE – July 1982, [Bangladesh University of Engineering & Technology](#), Dhaka, Bangladesh

Thesis/Project: Comparative Study of Earthquake Loading of Multistoried Building.

Advisor: Dr. Jamilur R. Choudhury.