

S. M. ASHFAQUL HOQ

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Senior Lecturer
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MS in Civil Engineering, The University of Texas at Arlington, Texas, USA

B.Sc. in Civil Engineering, Bangladesh University of Engineering and Technology, Bangladesh

1 Profile

1.1 Info

S. M. Ashfaqul Hoq is currently working as a Senior Lecturer in the CEE department. His major is in Structural Engineering. His research interests include Dynamic Analysis of Structure, Earthquake Engineering, Performance Based Plastic Design, Semi-rigid Connection and Framing System for Lateral Loading.

Mr. Hoq has been working as a faculty member since 2011. Before joining to NSU he has served as a faculty member in Ahsanullah University of Science and Technology (AUST) and Stamford University Bangladesh. Besides teaching experience, he has also 3 years work experience in industry as a structural design engineer.

1.2 Academic background

- i) Master of Science in Civil Engineering, Spring 2010 (Major in Structure)
The University of Texas at Arlington (UTA), Texas, USA.
- ii) Bachelor of Science in Civil Engineering, June 2007 (Major in Structure)
Bangladesh University of Engineering and Technology (BUET), Bangladesh.

1.3 Professional Position held

- i) Senior Lecturer, Department of Civil and Environmental Engineering, North South University, Dhaka, Bangladesh (February 2016 – continuing).
- ii) Lecturer, Department of Civil and Environmental Engineering, North South University, Dhaka, Bangladesh (September 2013 – January).
- iii) Lecturer, Department of Civil Engineering, Ahsanullah University of Science and Technology, Dhaka, Bangladesh (April 2012 – August 2013).
- iv) Senior Executive, 360 (Pvt.) Limited (Part Time), Dhaka, Bangladesh (May 2011 – May 2013)
- v) Lecturer, Department of Civil Engineering, Stamford University Bangladesh, Dhaka, Bangladesh (January 2011 - March 2012).
- vi) Project Engineer, Dalan-Kotha Limited, Dhaka, Bangladesh (July 2007 – June 2008)

2 Featured Works

2.1 Publications

2.1.1 Selected Journal Papers

- i) Hossain, M.T., **Hoq, S.M.A.**, Akhter, M. and Hossain, A.S.M.F., *Investigation on Different Properties of Organic Soil by Adding Fly Ash*, International Journal of Engineering Science and Technology, ISSN NO: 0975-5462, Vol. 7, No. 01, pp. 1-11, January 2015.
- ii) Sabbir, M. A., **Hoq, S.M.A.** and Fancy,S.F., *Determination of Tensile Property of Bamboo for Using as Potential Reinforcement in the Concrete*, International Journal of Civil and Environmental Engineering, ISSN NO: 2077-1258, Vol. 11, No. 05, pp. 47-51, October 2011.

2.1.2 Selected Conference Proceedings

- i) Sabbir, M. A., **Hoq, S.M.A.** and Fancy, S.F., *Investigation of Bamboo as a Potential Reinforcement in the Concrete*, Proceedings of the 1st International Conference on Civil Engineering for Sustainable Development (ICCESD-2012), KUET, Khulna, Bangladesh, March 2-3, 2012.

2.2 Under graduate Projects/Thesis Supervised

- i) "Response of Reinforced Concrete Structures under Earthquake Excitation", by Amit Chakraborty, Md. Towfiq Hasan, S.M. Shafiquzzaman and Pritom Sikder, Department of Civil Engineering, Ahsanullah University of Science and Technology. May 2013.
- ii) "Investigation on Different Properties of Organic Soil by Adding Fly Ash", by Md. Towsif Hossain, Makshuda Akhter Shila and Momotaj Rahman Momi, Department of Civil Engineering, Ahsanullah University of Science and Technology. May 2013.
- iii) "Effect of Lift core Position on the Global Behavior of a Reinforced Concrete Building", by K.M.Mahabub Rahman, Rummana Ferdous, Niaz Md. Ashraful Haque and Md. Hasanur Rashid, Department of Civil Engineering, Ahsanullah University of Science and Technology. May 2013.

2.3 Thesis

- i) S.M.Ashfaquul Hoq, "Effect of Frame Shape and Geometry on the Global Behavior of Rigid and Hybrid Frame under Earthquake Excitations", MS (Civil Engineering-Structural Engineering & Applied Mechanics) thesis, University of Texas at Arlington, 2010. Supervisor: Professor Dr. Ali Abolmaali
- ii) S.M.Ashfaquul Hoq, "Performance point determination of an existing RCC structure", B.Sc. (Civil Engineering) thesis, Bangladesh University of Engineering and Technology, 2007. Supervisor: Professor Dr. Munaz Ahmed Noor.

3 Research Interests

- i) Dynamic Analysis of Structure
- ii) Performance Based Plastic Design
- iii) Framing System for Lateral Loading
- iv) Semi-rigid Connection
- v) High Performance Concrete

4 Honors and Activities

- i) UTA Graduate Dean Master's Fellowship, Fall 2008 - Spring 2010.
- ii) UTA Construction Research Center Scholarship, Fall 2009.
- iii) University Talent Scholarship (three semesters), Bangladesh University of Engineering and Technology.
- iv) Captain of Civil Engineering Faculty Cricket Team of BUET in 2006.

5 Professional Registration

- i) Member of the Institution of Engineers, Bangladesh (IEB).

6 References

- i) Dr. Javed Bari, P.E.
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- ii) Dr. Ali Abolmaali, P.E.
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- iii) Dr. Munaz Ahmed Noor
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