

## Curriculum Vitae of Nusrat Hoque

### Mailing Address:

Assistant Professor  
Department of Civil Engineering  
Chittagong University of Engineering & Technology (CUET)  
Chittagong – 4349, Bangladesh.  
Email : nusrat\_hoque@yahoo.com;  
Phone : +8801789265151

### Educational Details

<b>PhD</b> (Thesis submitted)	<b>Civil Engineering (Structural Engineering)</b> University of Malaya (UM), Kuala Lumpur, Malaysia
<b>M. Engg.</b>	<b>Civil Engineering (Structural Engineering)</b> University of Calgary (Calgary, Canada)
<b>B.Sc. (Engg.)</b>	<b>Civil Engineering</b> Bangladesh University of Engineering & Technology (BUET), Dhaka, Bangladesh

### Current and Previous Position

<b>Assistant Professor</b> July 29, 2013 – till to date	Department of Civil Engineering, Chittagong University of Engineering and Technology, Chittagong, Bangladesh.
---	--

#### Responsibilities:

1. Undergraduate Civil Engineering teaching through lectures, demonstration and tutorials in a class size of 60-65.
2. Conducting undergraduate Civil Engineering laboratory sessions.
3. Administered and graded class test, homework and assignments, monitoring student progress, and tutoring students to supplement the class lectures.
4. Supervised undergraduate project/thesis and advised students on course and academic matters.
5. Administrative work as assigned by the head of the department
6. Consultancy for local industries

<b>Lecturer</b> Nov 12, 2008 – July 28, 2013	Department of Civil Engineering, Chittagong University of Engineering and Technology, Chittagong, Bangladesh.
--	--

#### Responsibilities:

1. Conducted undergraduate Civil Engineering courses through lectures, demonstration and tutorials in a class size of 60-65.
2. Conducted undergraduate Civil Engineering laboratory sessions.
3. Administered and graded class test, homework and assignments, monitoring student progress, and tutoring

## Curriculum Vitae of Nusrat Hoque

- students to supplement the class lectures.
4. Supervised undergraduate project/thesis and advised students on course and academic matters.
  5. Administrative work as assigned by the head of the department
  6. Consultancy for local industries

**Researcher, PhD**  
Sep 2013 – Aug, 2017

Department of Civil,  
University of Malaya, Kuala Lumpur, Malaysia.

Responsibilities:

1. Conducted research on FRP strengthened RC beams.
2. Published research outcomes in highly reputed journals.

**Researcher, M. Engg.**  
Feb 2012 – Jun 2014

Department of Civil Engineering,  
University of Calgary, Canada.

Responsibilities:

1. Conducted research on partially grouted masonry walls; experimental.

**Research Assistant**  
Sep 19, 2013 – Jun 30,  
2016

Department of Civil Engineering,  
University of Malaya, Kuala Lumpur, Malaysia.

Responsibilities:

1. Published research outcomes in highly reputed journals and conferences.
2. Established research collaboration with other researchers.

**Tutor**  
Aug 2012 – Feb 2014  
Aug 2014 – Feb 2017

Department of Civil Engineering,  
University of Calgary, Canada.

Responsibilities:

1. Conducted researches on Civil Engineering

### Administrative duties

**Member, Institutional  
Quality Assurance cell  
(IQAC).**  
Oct 2017 – till to date

Department of Civil Engineering, Chittagong University of  
Engineering and Technology, Chittagong, Bangladesh.

### Selected Publications:

#### Journals

1. **Hoque, N.,**Jumaat, M.Z.,Shukri, A.A. “Critical curtailment location of EBR FRP bonded RC beams using Dimensional analysis and Fuzzy logic expert system,” Composite Structures, Volume 166, 15 April 2017, Pages 87-95.
2. **Hoque, N.,**Jumaat, M.Z.,Shukri, A.A. “Prediction of IC debonding failure of precracked FRP strengthened RC beams using global energy balance.,” Mater Struct (2017) 50: 210.  
<https://doi.org/10.1617/s11527-017-1077-8>.

## Curriculum Vitae of Nusrat Hoque

3. **Hoque, N.,**Jumaat, M.Z., “Debonding failure analysis of Prestressed FRP Strengthened RC beams.” Accepted for publication in journal of Structural Engineering and mechanics.
4. Darain, M., Jumaat, M.Z., Shukri, A.A, Obaydullah, M., Huda, N., Hosen, Md. A. and **Hoque, N.**, “Strengthening of RC Beams Using Externally Bonded Reinforcement Combined with Near-Surface Mounted Technique”, Polymers 2016, 8(7), 261; doi:10.3390/polym8070261.

### International Conferences

5. **Hoque, N.,** Lissel. S.L., "Comparison of in-plane shear strength of reinforced concrete masonry walls," in 15<sup>th</sup> *International brick and block masonry Conference (15<sup>th</sup> IB<sup>2</sup>MaC)* Brazil, 2012.

### Professional Memberships

- Member of the **Institute of Engineers, Bangladesh (IEB)**

### Technical Proficiency in Civil Engineering:

- MATLAB
- AutoCAD
- ETABS

### Referees

1. Prof. Dr. Mohammad Shariful Islam  
Department of Civil Engineering  
Bangladesh University of Engineering and Technology  
Dhaka -1000, Bangladesh  
*E-mail:* [msharifulislam@ce.buet.ac.bd](mailto:msharifulislam@ce.buet.ac.bd)
2. Professor Ir. Dr. Mohd Zamin Bin Jumaat  
Department of Civil Engineering, Faculty of Engineering, University of Malaya, 50603 Kuala Lumpur, MALAYSIA  
Ph:+603-79675203  
Fax:+603-79675318  
Email: zamin@um.edu.my