

Md. Sabbir Ahmed Shourav

Bangladesh Army International University of Science & Technology (BAIUST)|
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Education

MASTER OF ENGINEERING (CONSTRUCTION MANAGEMENT) | 2016 | UNIVERSITI TEKNOLOGI MALAYSIA (UTM)

- Department of Civil Engineering
- CGPA: 3.89 out of 4.00
- Master Project: Impact of Climate Change on Energy Consumption of Residential Sector of Dhaka, Bangladesh

BACHELOR OF SCIENCE (CIVIL ENGINEERING) | 2012 | ISLAMIC UNIVERSITY OF TECHNOLOGY (IUT)

- Department of Civil & Environment Engineering
- CGPA: 3.41 out of 4.00
- Thesis Title: Impacts Assessment and Interventions to Overcome the Frequent Natural Calamities: A Case Study of Satkhira District in the Southern Part of Bangladesh.

HIGHER SECONDARY CERTIFICATE (H.S.C) | 2008 | SYLHET CADET COLLEGE

- GPA: 5.00 out of 5.00

SECONDARY SCHOOL CERTIFICATE (S.S.C) | 2006 | SYLHET CADET COLLEGE

- GPA: 5.00 out of 5.00

Research Experience

JOURNAL PUBLICATION

- **Shourav, M.S.A.**, Shahid, S., Singh, B. et al. (2018). "Impact of Climate Change on Residential Energy Consumption in Dhaka City." *Environmental Modeling & Assessment (Springer)*, 23(2):131-140. DOI: <https://doi.org/10.1007/s10666-017-9571-5>
- Shahid, S., Pour, S.H., Wang, X., **Shourav, S.A.** et al. (2017). "Impacts and adaptation to climate change in Malaysian real estate." *International Journal of Climate Change Strategies and Management (Emerald)*, 9(1): 87-103. DOI: <https://doi.org/10.1108/IJCCSM-01-2016-0001>
- **Shourav, M.S.A.**, Mohsenipour, M., Alamgir, M. et al. (2016). "Historical Trends and Future Projection of Climate at Dhaka City of Bangladesh." *Jurnal Teknologi (Sciences & Engineering)*, 78 (6-12): 69-75. DOI: <https://doi.org/10.11113/jt.v78.9234>

CONFERENCE PROCEEDING

- **Shourav, S.A.**, Shahid, S. and Yahya, S.M. (2015). "Assessment of Occupational Safety Conditions in the Construction Industry of Bangladesh." Malaysian Research Conference and Innovation Exhibition (MRCIE 2015), Johor Bahru, Malaysia.
- **Shourav, M.S.A.** and Shahid, S. (2015). "Impact and Adaptation to Climate Change in Dhaka City of Bangladesh." 1st ICRIIL-International Conference on Innovation in Science and Technology at Universiti Teknologi Malaysia (UTM), Kuala Lumpur, Malaysia.
- **Shourav, M.S.A.**, Asadujjaman, A.B.M. and Rahman, M.T. (2012). "A Study on Pedestrian Safety by Survey and Field Investigation." The International Conference on TPMDC at Indian Institute of Technology (IIT) Mumbai, India.

Area of Interest

- Construction Management
- Transportation Engineering
- Sustainable Development
- Fire Safety Engineering
- Occupational health & safety

Work Experiences

ASSISTANT PROFESSOR (DEPT. OF CIVIL ENGINEERING) | BANGLADESH ARMY INTERNATIONAL UNIVERSITY OF SCIENCE & TECHNOLOGY (BAIUST) | 10 APRIL 2019-PRESENT

- Conducting theory & sessional classes of undergraduate students of Civil Engineering Dept.
- Preparing questions for different examinations
- Evaluating and grading answer scripts
- Performing different academic & administrative duties

LECTURER (DEPT. OF CIVIL ENGINEERING) | BANGLADESH ARMY INTERNATIONAL UNIVERSITY OF SCIENCE & TECHNOLOGY (BAIUST) | 03 OCTOBER 2017- 09 APRIL 2019

- Conducting theory & sessional classes of undergraduate students of Civil Engineering Dept.
- Preparing questions for different examinations
- Evaluating and grading answer scripts
- Performing different academic & administrative duties

FIRE SAFETY ENGINEER | ACCORD ON FIRE & BUILDING SAFETY IN BANGLADESH | 20 JANUARY 2016- 02 OCTOBER 2017

- Conducting fire safety audits in RMG industries of Bangladesh
- Reviewing designs of fire detection & protection system
- Suggesting proper remediation for factories

GRADUATE RESEARCH ASSISTANT | UNIVERSITI TEKNOLOGI MALAYSIA | 01 SEPTEMBER 2014- 31 DECEMBER 2015

- Assist in research related to construction management
- Field survey and data collection
- Organizing seminars and colloquiums
- Preparation of teaching materials

ASST. MANAGER (CIVIL) | DRESSMEN INDUSTRIES LIMITED | 01 DECEMBER 2013- 30 APRIL 2014

- Project supervision of new construction
- Quality control of works
- Maintenance of factory building

PROJECT ENGINEER | MARLEEJ CORPORATION | 01 FEBRUARY 2013- 30 JUNE 2013

- Project supervision
- Designing of project
- Estimation of materials
- Preparing work progress report

Professional Training & Workshop

- Certificate Course on “Teaching for Active Learning” 03 days training program from 30 August - 01 September 2018 at AUST, Dhaka, Bangladesh.
- Training Course by ARUP on “Fire Safety Design Principles” 12 days training in Dhaka, Bangladesh over the period May 2016- February 2017.
- Short Course on “Health Monitoring of Civil Structure” on 3rd October 2015 at UTM, Malaysia.
- International Workshop on “Climate Change and Water Resources in Asian Countries” from 08-09 September 2015 at UTM, Malaysia.
- Two weeks industrial training at Public Works Department (PWD) of Bangladesh in 2011.
- Two weeks industrial training at Housing and Building Research Institute (HBRI) of Bangladesh in 2011.

Personal Credentials

LANGUAGE PROFICIENCIES

- Fluency in reading, listening, oral & written communication in English. (IELTS 7.0)

COMPUTER SKILLS

- Proficient in use of Microsoft office packages, CAD software like AutoCAD, ETABS
- Programming language C, C++, Java etc
- Statistical softwares like SPSS, MATLAB

Membership

- Member at The Institute of Engineers, Bangladesh (IEB)