

SYED AAQIB JAVED

Department of Civil Engineering (CE)
Ahsanullah University of Science and Technology
141 & 142, Love Road, Tejgaon I/A, Dhaka-1208
BANGLADESH

KEY QUALIFICATIONS

Has **4 years teaching experience** together with laboratory research works. Taught theoretical and practical courses on Transportation engineering and other fundamental and computer-application based courses of Civil Engineering for undergraduate students.

Has Completed B. Sc Engineering degree with honors from the Department of Civil Engineering, Ahsanullah University of Science and Technology. Excellent organization, communication skills and basic computing skills including proficiency in Arc GIS, Vissim, Corsim AutoCAD etc. Has participated in different co-curricular activities and management workshops and has active involvement in social activities.

WORK EXPERIENCE

<i>Dec 2020 – Present</i>	Assistant Professor Ahsanullah University of Science and Technology Dhaka, BANGLADESH
<i>Jan 2017 – Dec 2020</i>	LECTURER Ahsanullah University of Science and Technology Dhaka, BANGLADESH

ACADEMIC QUALIFICATION

<i>2016</i>	Bachelor of Science in Civil Engineering From Ahsanullah University of Science & Technology (AUST) Dhaka, BANGLADESH With CGPA 3.894 out of 4.00 (2nd Position out of 110 students, with HONOURS award)
<i>2011</i>	Higher Secondary School Certificate Exam From Dhaka Board, Science Division With GPA 4.80 out of 5.00
<i>2009</i>	Secondary School Certificate Exam From Dhaka Board, Science Division With GPA 5.00 out of 5.00

AWARDS/ SCHOLARSHIP

Dean's List Award (for obtaining 75% marks or higher in an academic year) for four academic years at B.Sc. level

SKILLS

Computer

Arc GIS
Vissim
Corsim
Deep Soil
SPSS
Origin pro
AutoCAD
ETABS
MS office package- Word, Excel, Power Point

Languages

Excellent oral and written command in Bengali and English.

Toefl (74), MyBest Score (81)

R-18, L-15, S-19, W-22;
Total-75

R-18, L-21, S-19, W-22;
Total-80

GRE (299)

Q-162, V-137, AWA-2.5

Currently learning

Python
MATLAB

UNDERGRADUATE THESIS

Completed thesis titled “Development of a Comprehensive Mode Choice Model and a Software to Capture the Preference of Mode Choice Behavior of Ahsanullah University of Science and Technology” under the supervision of Professor Dr. Shahid Mamun, in partial fulfillment of the requirement for the degree of Bachelor of Science in Civil Engineering, AUST.

PUBLICATIONS IN INTERNATIONAL JOURNAL

1. **Javed, S.A.**, Debnath, M., Nadim, M.H., Anwar, M.A., and Chowdhury, S., Estimation of Trip Attraction Rates and Models for Shopping Centers in Dhaka City, Journal of Transportation Systems, 2020, Vol. 5, No. 1, pp 28-34, [DOI: http://doi.org/10.5281/zenodo.3733088](http://doi.org/10.5281/zenodo.3733088)
2. **Javed, S.A.** and Chakraborty, S., Effects of Waste Glass Powder on Subgrade Soil Improvement, World scientific news, 2020, Vol. 144, pp. 30-42.
3. Debnath, M., Hoque M.S. and **Javed, S.A.**, Object-Oriented Traffic Simulation for Determining Traffic Flow Parameters Using JAVA as a Programming Tool, Journal of Recent Activities in Infrastructure Science, 2020, Vol. 5, No. 1, pp 20-31, [DOI: http://doi.org/10.5281/zenodo.3740509](http://doi.org/10.5281/zenodo.3740509)
4. **Javed, S.A.**, Salsabiyl, A., Jubaida, F.N., Islam, M.Z. and Islam, S., Comparative Cost Analysis of Pile Foundation with Soil Improvement of a Reclaimed Area, Journal of Earthquake Science and Soil Dynamics Engineering, 2020, Vol. 2, No. 3, pp. 1-9, [DOI: http://doi.org/10.5281/zenodo.3604609](http://doi.org/10.5281/zenodo.3604609)
5. **Javed, S.A.** and Chakraborty, S., Effect of Expansive Soil Stabilization using Rice Husk Ash & Marble Dust, Journal of Earth Engineering (JEE), 2019, Vol. 4, No. 1, pp. 41-49.
6. Anwar, M.A., Chowdhury, M.T.U., Nadim, M.H., **Javed, S.A.** and Chowdhury, S., Converting Waste to Energy, a Perspective Study for Rural Areas of Bangladesh, Journal of Water Resources and Pollution Studies, 2019, Vol. 4, No. 3, pp. 34-41, [DOI: http://doi.org/10.5281/zenodo.3510058](http://doi.org/10.5281/zenodo.3510058)

PUBLICATIONS IN INTERNATIONAL CONFERENCE PAPER

1. **Javed, S.A.** and Chakraborty, S., Reusing and Recycling Practice of E-Waste in Some Major Cities of Bangladesh, 4th International Conference on Civil Engineering for Sustainable Development (ICCESD 2018), 9 -11 February 2018, KUET, Khulna, Bangladesh (ISBN-978-984-34-3502-6), Available in: http://www.iccesd.com/proc_2018/Papers/r_p5091.pdf
2. Chakraborty, S. and **Javed, S.A.**, A Study on Paper Reusing in Dhaka City, 4th International Conference on Civil Engineering for Sustainable Development (ICCESD 2018), 9 -11 February 2018, KUET, Khulna, Bangladesh (ISBN-978-984-34-3502-6), Available in: http://www.iccesd.com/proc_2018/Papers/r_p5094.pdf
3. Chakraborty, S. and **Javed, S.A.**, Scenario of car wastes Reusing and Recycling in Dhaka city, 4th International Conference on Engineering, Research, Innovation and Education (ICERIE 2017), 13-15 January 2017, SUST, Sylhet, Bangladesh.
4. **Javed, S.A.** and Chakraborty, S., Critical Review of Climate Change Impacts on Coral Bleaching in St. Martin and Some Possible Solutions, 4th International Conference on Engineering, Research, Innovation and Education (ICERIE 2017), 13-15 January 2017, SUST, Sylhet, Bangladesh.
5. Chakraborty, S. **Javed, S.A.** and Biswas, P., Reusing and Recycling Practice of E-Waste in Dhaka City, 4th International Conference on Engineering, Research, Innovation and Education (ICERIE 2017), 13-15 January 2017, SUST, Sylhet, Bangladesh.
6. Karim, M.N., Haider, M.A.A., **Javed, S.A.**, Naznin, R., Mamun, M.S. and Sayma, M.H., AustLogit, A Software to Capture the Preference of the Mode Choice Behavior of Travelers, 4th International Conference on Engineering, Research, Innovation and Education (ICERIE 2017), 13-15 January 2017, SUST, Sylhet, Bangladesh.
7. Haider, M.A.A., **Javed, S.A.**, Naznin, R., Mamun, M.S. and Alam, W., Mode Choice Model for Ahsanullah University of Science and Technology Student, BUET-ANWAR ISPAT 1st Bangladesh Civil Engineering SUMMIT, 2016, BUET, Dhaka, Bangladesh.
8. **Javed, S.A.**, Sameer, M., Hossain, A.S.M.F. and Naznin, R., Liquefaction Potentially Analysis of Jhilmil Residential Town Project, BUET-ANWAR ISPAT 1st Bangladesh Civil Engineering SUMMIT, 2016, BUET, Dhaka, Bangladesh.
9. Rahman, M.A., **Javed, S.A.**, Alam, W., Naznin, R. and Bari, Q. H., Effect of Salt Water Movement in Brick Structures, BUET-ANWAR ISPAT 1st Bangladesh Civil Engineering SUMMIT, 2016, BUET, Dhaka, Bangladesh.

RESEARCH INTERESTS

- Transportation System Planning
- Travel Behavior Analysis
- Traffic Simulation
- Soil Improving Techniques
- Pavement Engineering
- Traffic Impact Assesment

CONTACT INFORMATION

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http://www.aust.edu/civil/fm_ce_f_t.php

10. Fatema-Tuz-Zahura., **Javed, S.A.** and Naznin, R., Effect of Base Isolation and Different Bracing System to Improve Building Performance Under Earthquake Excitations, 3rd International Conference on Advances in Civil Engineering (ICACE 2016), 21 –23 December 2016, CUET, Chittagong, Bangladesh.
11. **Javed, S.A.**, Sameer, M., Hossain, A.S.M.F. and Helaly, A.L., Ground Investigation and Response of Jhilmil Residential Town project, 3rd International Conference on Advances in Civil Engineering (ICACE 2016), 21 –23 December 2016, CUET, Chittagong, Bangladesh.

COURSES TAUGHT

Courses Taught as Faculty at Dept. Of CE, AUST includes:

- Surveying	- Transportation Engineering Sessional-II	- Mechanics of Fluids
- Transportation Engineering Sessional-I	- Computer Aided Drafting	- Mechanics of Fluids Sessional