

Résumé of Mohammad Ashiqur Rahman

Graduate Research Assistant, The University of Oklahoma, Norman, Oklahoma, 73019, USA

&

Assistant Professor, Department of Civil Engineering, Khulna University of Engineering & Technology (KUET), Khulna-9203, Bangladesh, Phone: 14055326533 (Cell)

E-mail: shovon0701001@gmail.com, marahman@ou.edu

RESEARCH INTEREST

Intelligent Compaction, Multi-Scale Modeling and Testing of Pavement Materials, Rheological and Mechanical Properties of Asphalt Binder, Performance and Characteristics of Warm Mix Asphalt, Travel Behavior Analysis, Transportation Planning and Safety.

EDUCATIONAL BACKGROUND

Masters of Science in Civil Engineering

January, 2017 to current

Institution: The University of Oklahoma, Norman, Oklahoma

CGPA obtained: **4.00 (out of 4.00) (up to now)**

Bachelor of Science in Civil Engineering

July, 2012

Institution: Khulna University of Engineering & Technology (KUET), Khulna, Bangladesh

Position: First Class 1st out of 107 students

CGPA obtained: **3.96 (out of 4.00)**

Equivalent Marks: **96.80%**

Thesis Topic: Analysis of Travel Behavior in Khulna Metropolitan City, Bangladesh

Higher Secondary School Certificate (H.S.C)

2007

Institution: Notre Dame College, Dhaka, Bangladesh

GPA obtained: 5.00 (out of 5.00)

Secondary School Certificate (S.S.C.)

2005

Institution: Faridpur Zilla School, Faridpur, Bangladesh

GPA obtained: 5.00 (out of 5.00)

Graduate Record Examination (GRE)

May, 2015

Overall: 314 (Quantitative 166, Verbal 148, Analytical Writing 2.5)

TOEFL iBT® Test

October, 2015

Overall: 90 (Reading-24, Listening-26, Speaking-19, Writing-21)

SCHOLARSHIPS / ACADEMIC AWARDS

- Awarded '*University Gold Medal*' for outstanding performance in the B.Sc. in Civil Engineering Level.
<http://www2.kuet.ac.bd/convocation/medal.php>
- Awarded '*Prime Minister Gold Medal*' for securing the highest Grade in the Faculty of Civil Engineering, Khulna University of Engineering & Technology (KUET) in the year 2012.
- Awarded '*Merit order scholarships*' throughout the 4-years study of B.Sc. Engineering.
- Awarded '*Dhaka Board Scholarship*' during H.S.C. study for 2 years.
- Awarded '*Primary School Scholarship*' for 2 years.

PROFESSIONAL EXPERIENCE

Lecturer **September 13, 2012 – November 28, 2015**

Department of Civil Engineering, Khulna University of Engineering & Technology (KUET)

Assistant Professor **November 29, 2015 – Till now**

Department of Civil Engineering, Khulna University of Engineering & Technology (KUET)

Responsibilities

- Conducted various civil engineering courses at undergraduate level through lectures, tutorials, demonstrations, laboratory works as well as field works.
- Advised students on course and academic matters and career decisions.
- Served on faculty committees dealing with curriculum planning for degree requirements.

Course Coordinator **April, 2014- August, 2014**

Department of Building Engineering and Construction Management, Khulna University of Engineering & Technology (KUET).

Testing Officer **September 13, 2012 –December 31, 2016**

Consultancy, Research & Testing Services (CRTS), Department of Civil Engineering, Khulna University of Engineering & Technology (KUET).

Consultant **September 13, 2012 –December 31, 2016**

Consultancy, Research & Testing Services (CRTS), Department of Civil Engineering, Khulna University of Engineering & Technology (KUET).

TRAINING AND WORKSHOP

- 24th International Course on **Transportation Planning & Safety**, 30 November-07 December, 2014, IIT, New Delhi, India.
- Workshop on **Rainwater Harvesting** during 25- 26 August, 2013 in Khulna, Bangladesh.
- An awareness program on **Solid Waste Management** during 22 November, 2008 in Khulna Metropolitan city.
- **Training program on ETABS** during 23-24 August, 2013 organized by Civil Alliance, KUET, Bangladesh.

COURSE CONDUCTED EXPERIENCE DURING TEACHING PERIOD

Lecture on Courses

Transportation Engineering-I, Surveying, Engineering Mechanics, Structural Analysis and Design-I, Prestressed Concrete.

Instruction on laboratory Works

Sessional on Transportation Engineering-I, II & III, Sessional on Numerical Analysis & Computer Programming, Sessional on Engineering Materials.

Demonstration on Field Works

Practical on Surveying, Study tour on Civil Engineering Construction Projects, Water Treatment Plant etc.

MEMBERSHIP

Associate Member of Institution of Engineers (IEB), Bangladesh.

PUBLICATIONS

Journals

- **Md. Ashiqur Rahman**, Syed Ashik Ali and Quazi Sazzad Hossain, "Analysis of Travel Behavior in Khulna Metropolitan City, Bangladesh" Civil and Environmental Research, IISTE, ISSN 2225-0514, Vol.7, No.2, 2015, pp:206-218.
<http://www.iiste.org/Journals/index.php/CER/article/view/19876>
- Sharmin E. S. C., **Md. Ashiqur R.**, Quazi S. H. and Syed A. A., "Road accident models for Khulna metropolitan city, Bangladesh" Research Journal of Engineering and Technology, Pearl Research Journals Vol. 1 (1), February, 2015, pp:1-8.
<http://www.pearlresearchjournals.org/journals/rjet/archive/2015/Feb/Abstract/Sharmin%20et%20al.html>

Conference Paper

- M. S. Newaz, **M. A. Rahman**, Q. S. Hossain, S. A. Ali, A Paratransit Maintenance Cost–Allocation Model for Khulna Metropolitan City, Bangladesh Proceedings of the 3rd World Conference on Applied Sciences, Engineering and Technology 27-29 September 2014, Kathmandu, Nepal, ISBN 13: 978-81-930222-0-7, pp 135-140
<http://www.basharesearch.com/WCSET2014/wcset2014024.pdf>

COMPUTER LITERACY

- | | |
|------------------------|---|
| ▪ Operating System | Windows 98/2000/XP/Vista/7 |
| ▪ Programming | FORTRAN |
| ▪ Software and Package | VETA, Office, Adobe Acrobat, Origin, SPSS v16 |
| ▪ Graphical Package | MS-Power Point, Adobe Photo Shop, and Painter |

REFERENCES

Musharraf Zaman, Ph.D., P.E.

David Ross Boyd Professor And Aaron Alexander Professor of Civil Engineering
Alumni Chair Professor of Petroleum and Geological Engineering
Director, Southern Plains Transportation Center
Editor-in-Chief, International Journal of Geomechanics, ASCE
The University of Oklahoma, Norman, Oklahoma, 73019
E-mail: zaman@ou.edu

Dr. Quazi Sazzad Hossain

Professor
Department of Civil Engineering,
Khulna University of Engineering & Technology
Khulna-9203, Bangladesh.
Cell: +8801716486314
E-mail: sazzad@ce.kuet.ac.bd;
sazzad1999@yahoo.com