

Curriculum Vitae

NAME: MD SOHEL RANA

Date of Birth: 05 January 1992

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Phone: +8801753973645

Gender: Male

Address: Block: Ga, Road No: 07, Monsurabad Residential Area, Pabna, Bangladesh

EDUCATION

2011 - 2015

Bachelor of Urban and Regional Planning (BURP)

Khulna University of Engineering and Technology (KUET), Khulna, Bangladesh

Cumulative Grade Point Average (CGPA): **3.77 out of 4.00**

Thesis Topic:

Indigenous coping mechanisms in managing multi-hazard risks of cyclone

WORK EXPERIENCE

Assistant Professor

March 2019 - Current

Department of Urban and Regional Planning (URP)

Pabna University of Science and Technology, Pabna, Bangladesh

Responsibilities: My primary tasks are to conduct theoretical and lab courses and evaluate the final answer script, assignment, tutorial and quiz. I have also been supervising undergraduate theses since 2015 and conducting research to solve real-world problems. Also, I am a regular member of the syllabus and curriculum development committee.

Chairman

March 2018 - May 2022

Urban and Regional Planning (URP)

Pabna University of Science and Technology, Pabna, Bangladesh

Responsibilities: My duty as a chairman was to organize seminars, workshops, and training programs to enrich the students' technical knowledge. Moreover, I arranged the academic committee, the planning committee, exam committee in collaboration with the other faculty member of the department.

Member

March 2018 - Current

Building Plan Approval Committee

Pabna Municipality, Pabna, Bangladesh

Responsibilities: Approve building plan within municipality area as an additional duty assigned by the local government authority.

Lecturer

August 2015 - March 2019

Department of Urban and Regional Planning (URP)

Pabna University of Science and Technology, Pabna, Bangladesh

Responsibilities: My primary tasks were to conduct theoretical and lab courses and evaluate the final answer script, assignment, tutorial and quiz. In addition, I have supervised undergraduate theses.

MEMBERSHIP AND PROFESSIONAL TRAINING

- | | |
|-----------------------------------|---|
| January 2017–Current | Associate Member
Bangladesh Institute of Planners (BIP), Bangladesh
ID: 1140 |
| October 2014–November 2014 | Internship
Tangail Municipality, Tangail, Bangladesh |

SKILLS AND COMPETENCIES

- Geographic Information System (GIS) for advanced data analysis in the field of transportation planning.
- Remote Sensing for image interpretation
- SPSS to analyze primary data
- Programming (C and Python) for stimulation and forecasting

EXTRACURRICULAR ACTIVITIES

- | | |
|---|--|
| Sports Secretary
January 2013-January 2014 | Urban and Regional Planning Association
Khulna University of Engineering and Technology (KUET),
Khulna, Bangladesh |
| President
February 2016-May 2022 | Urban and Regional Planning Association
Pabna University of Science and Technology (PUST), Pabna,
Bangladesh |

LIST OF PUBLICATIONS

Rana, M. S., Uddin, M. S. Assessment of demand and supply of public bus services in Khulna city corporation area of Bangladesh. Case Studies on Transport Policy, Elsevier Ltd. (Under Review)

Rana, M. S., Sarkar, S. (2022). Prediction of Potential Change in Land Cover and their Effects on the Temperature of the Land Surface: A Case Study of Khulna City Corporation, Bangladesh. Environmental and Urbanization Asia, SAGE Publications. (Accepted and Ahead of Print)

Rana, M. S., Sarkar, S. (2021, November). Prediction of urban expansion by using land cover change detection approach. Heliyon, 7(11), e08437, Elsevier Ltd, Q1. <https://doi.org/10.1016/j.heliyon.2021.e08437>

Parvez, M., **Rana, M. S.** (2021, February). Investigating the causes of increasing consumer demand for real estate housing in Bangladesh. International Journal of Housing Markets and Analysis, 14(5), 894-912, Emerald Publishing Limited, Q2. <https://doi.org/10.1108/IJHMA-09-2020-0111>

Chakma, M., **Rana, M. S., Pramanik, M. A.** (2018, November). Prediction and analysis the causes of increasing an illegal e-taxi in Bangladesh municipalities: A case study of Pabna municipality. International Journal of Crowd Science, 2(3), 178-197, Emerald Publishing Limited, Q2. DOI: 10.1108/IJCS-06-2018-0010

Rana, M. S., Azad, M. A. S. A. 2016. Indigenous Coping Mechanisms in Managing Multi-Hazard Risks of Cyclone: A Case Study on Santa Village in Khulna District. American Academic and Scholarly Research Journal, Vol. 8(6), pp. 31-37.

Islam, M. S., Rana, M. S. 2017. Analysis of Pedestrian Facilities in CBD Area of Pabna Municipality, Bangladesh. Journal of Civil Engineering and Architecture, Vol. 11, pp. 1025-1037. DOI: 10.17265/1934-7359/2017.11.005

Rana, M. S., Azad, M. A. S. A., Islam, M. J. 2018. Vulnerability Assessment of Cyclonic Hazards in Coastal Region of Bangladesh. Urban and Regional Planning, Vol. 3(2), pp. 34-43. DOI: 10.11648/j.urp.20180302.11

Rana, M. S., Uddin, M. S., Azad, M. A. S. A. 2016. Evaluation of Bicycle Environment for Urban Mobility: A Case of Selected Roads in Khulna Metropolitan City. Social Sciences, Vol. 5(6), pp. 77-85. DOI: 10.11648/j.ss.20160506.11

TRAINING AND WORKSHOP

Workshop on Fundamentals of Programming, 2016 Khulna University of Engineering and Technology (KUET), Khulna, Bangladesh

Basic Training on GIS & Remote Sensing, 2014 Khulna University of Engineering and Technology (KUET), Khulna, Bangladesh

GRANTS AND AWARDS

Dean's Award 2014 - 2015 Khulna University of Engineering and Technology (KUET), Khulna, Bangladesh
Details: Academic excellence in 3rd and 4th year in Bachelor of Urban and Regional Planning (BURP) program

Technical and Meritorious Scholarship 2011 - 2015 Khulna University of Engineering and Technology (KUET), Khulna, Bangladesh
Details: Outstanding academic performance in undergraduate program

Research Grants Financial Year: 2016 - 2017 **Organization:** University Grant Commission (UGC), Bangladesh

Research Grants Financial Year: 2017 - 2018 **Organization:** University Grant Commission (UGC), Bangladesh

Research Grants Financial Year: 2020 - 2021 **Organization:** University Grant Commission (UGC), Bangladesh

Research Grants Financial Year: 2021 - 2022 **Organization:** University Grant Commission (UGC), Bangladesh

REFERENCES

Dr. Md. Manjur Morshed

Assistant Professor

Department of Urban and Regional Planning

Khulna University of Engineering and Technology

(KUET)

Email: mmorshed@urp.kuet.ac.bd

Saima Rahman

Assistant Professor

Department of Urban and Regional Planning

Khulna University of Engineering and

Technology (KUET)

Email: rahman.saima@urp.kuet.ac.bd