Md Samiul Islam

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Lubbock, Texas

Education

PhD in Agricultural and Applied Economics — Expected Graduation: May 2030
August 2026
Texas Tech University, Lubbock, TX

Master of Science in Statistics
GPA: 3.78/4.00 — *May 2026*
Texas Tech University, Lubbock TX

Bachelor of Science in Statistics — *March 2022*
CGPA: 3.54/4.00
Comilla University, Comilla, Bangladesh

Experience

- Graduate Teaching Assistant at department of Mathematics and Statistics

Texas Tech University — August 2023-May 2026

- Teaching (Instructor of Record) Statistical Methods to undergraduate class in Fall 2024, Spring 2025 and Fall 2025, Spring 2026
- Worked at the math department tutoring center and grader for undergraduate mathematical classes.

- Facility Lead Student Assistant at University Recreation Center

Texas Tech University — May 2026- August 2026

- Assisted in daily operations of recreation facility, ensuring safety and welcoming environment.
- Provided membership services, account management, sales and customer support.
- Trained and guided other student employees in operational procedures and customer service standards.

Research Projects

1. Distance Based Geometric Analysis of Protein Binding Sites (Work in progress for publication)

2. Knowledge, Attitude and Practice (KAP) of Hepatitis B among Intern doctors of Bangladesh (Case study on Cumilla region) (Submitted for Conference)

3. A comparative study of the factors affecting choice of Antenatal Care (ANC) in Bangladesh using Bangladesh Demographic and Health Survey (BDHS) data 2017 and 2022. (Submitted for publication)

4. A case study on Challenges faced by Women Entrepreneurs of Bangladesh.

Awards and Honors

- Distinguished Graduate Student Assistantship, Texas Tech University (2026)
    - Competitive and most prestigious assistantship awarded by the university to graduate students.
    - Includes appointment as both Graduate Teaching and Graduate Research Assistant beginning Fall 2026.

Coursework

Biostatistics, Advanced Survival Analysis, Epidemiology, Intermediate Mathematical Statistics, Stochastic Process, Advanced Probability, Regression Analysis, Theory of Statistical Linear Models, Design of Experiments, Machine Learning with Python and R, Applied Multivariate Statistics, Statistical Computing and Simulation. Data Processing using SPSS, Minitab, STATA.

Skills

- Proficient in R for data analysis and intermediate knowledge of Python.
- Working knowledge of STATA and SAS for data analysis.
- Advanced knowledge of SPSS for data analysis.

Voluntary Services

- Arranged and organized cultural events around university enhancing leadership and interpersonal communication skills.
- Worked with teams and individually for leading athletic and social events of fundraising.

Language

- Bengali (Native)
- English (Proficient)
- Spanish (Intermediate)
- French (Beginner)