

A.B.M. REZWANUL KABIR

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PROFESSIONAL EXPERIENCE

Lecturer

Department of Life Sciences, Independent University, Bangladesh

February 2021- Present

- Preparing and delivering lectures, tutorials, workshops, and seminars.
- Developing curricula and course material.
- Setting and grading assignments, tests, and exams.
- Conducting research through thesis groups.

Teaching Assistant

Department of Mathematics and Natural Sciences, BRAC University, Bangladesh

January 2018 – January 2021

- Conduct lab classes that comprise of experiments ranging from basic culture techniques to advanced molecular techniques such as PCR, Gel electrophoresis, Plasmid profiling, Transformation, Spectrophotometry and so on.
- Explain and elaborate experiment principles, demonstrate the procedure/technique and prepare relevant handouts.
- Guide thesis students in their research work.

Student Peer Mentor

First Year Advising Team (FYAT), BRAC University, Bangladesh

September 2015 – August 2016

- Supervise each freshman student for 2 semesters, monitor their academic performance and provide suitable solutions to their problems.

RESEARCH EXPERIENCE

Thesis Project for Master of Science: Can phages be cheated? - A study on the influence of inducing molecules on bacteriophage propagation at low host cell densities

- Investigated how low host cell densities modulate bacteriophage infection decisions and the possible effect of inducing molecules on bacteriophage propagation at such conditions.

Thesis Project for Bachelor of Science: A study on the prospect of *Escherichia coli* isolated from raw beef samples as a potential reservoir of antibiotic resistance

- Investigated the antibiotic resistance pattern of *E. coli* and carried out plasmid profiling of the isolates to look for possible correlation with antibiotic resistance.

EDUCATION

Master of Science in Biotechnology

June 2020

- BRAC University, Dhaka, Bangladesh
- CGPA 4.0/4.0 in 36 credits

Bachelor of Science in Biotechnology

December 2017

- BRAC University, Dhaka, Bangladesh
- GPA 3.97/4.0 in 136 credits

HONORS AND AWARDS

- Vice Chancellor's Gold Medal, 12th Convocation, BRAC University
- VC Certificate, Fall-2014, Residential Semester, BRAC University
- Received Outstanding Cambridge Learners Award and Daily Star Award for Outstanding result in O-Level Examination