

## ISRAT JAHAN BITHI

**Date of Birth:** 24/11/1998 **Phone Number:** (+880) 01792555295

**Nationality:** Bangladeshi **Email Address:** [isratbithi2@gmail.com](mailto:isratbithi2@gmail.com)

**Gender:** Female **Address:** 875, East Shewrapara, Kafrul, Dhaka 1216



## CAREER OBJECTIVE

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Organized, enthusiastic, and research-oriented individual seeking a challenging role in an esteemed organization. Possess the skills to secure a position with a well-established organization with a stable environment that will lead to a lasting relationship in the respective field, a position that will enable the use of my skills, expertise, and ability to work with good people.

## EDUCATION

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[2024 – 2025, Sylhet, Bangladesh]

**MASTER OF SCIENCE IN BIOCHEMISTRY** Department of Biochemistry and Chemistry

**Address** Sylhet Agricultural University, Sylhet-3100, Sylhet, Bangladesh

**Final grade** CGPA 3.833 / 4.000

[2019 – 06/2024 Sylhet, Bangladesh]

**BACHELOR OF SCIENCE IN BIOTECHNOLOGY AND GENETIC ENGINEERING**

Faculty of Biotechnology and Genetic Engineering

**Address** Sylhet Agricultural University, Sylhet-3100, Sylhet, Bangladesh

**Final grade** CGPA 3.632 / 4.000; Class position: 8th

[2017 Dhaka, Bangladesh]

**HIGHER SECONDARY SCHOOL CERTIFICATE** Ideal School & College, Motijheel

**Final grade** GPA: 5.00 out of 5.00

[2015 Dhaka, Bangladesh]

**SECONDARY SCHOOL CERTIFICATE** Motijheel Govt. Girls High School

**Final grade** GPA: 5.00 out of 5.00

## RESEARCH EXPERIENCE

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**Master's Research Thesis:** Isolation and Molecular Detection of MRSA from Clinical Wastewater, Antibiotic Profiling and Its Inhibition Using Probiotics and Green-Synthesized Nanoparticles.

**Undergraduate Research Thesis**

**Title:** Screening of Phytochemical Property of *Moringa oleifera* and *Chenopodium album* and Assessing Their Antibacterial Activity Against *Staphylococcus aureus* Isolated from Soil Sample.

## DIGITAL SKILLS

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- Report Writing
- Microsoft (Microsoft Word, Microsoft PowerPoint, Microsoft Excel)

- Google Docs
- Data Analysis

## SOFT SKILLS

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- Fluent in Bangla and English
- Quick learner with excellent communication skills
- Able to work both independently and as part of a team
- Time Management

## STANDARDIZED TEST SCORE

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International English Language Testing System (IELTS) - Overall-6.00 (Listening-6.5; Reading-6.00; Writing-5.5; Speaking-6.00) || Test Date: September 13, 2025

## CONFERENCES AND SEMINARS

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- Report Writing & Data Analysis, Arranged by Department of Biochemistry and Chemistry, Sylhet, Bangladesh, 08/2024.
- Training on Basic Bioinformatics, National Institute of Biotechnology (NIB), Dhaka, Bangladesh, 12/2024.
- Micro Course on “Impact Entrepreneurship Enabling Sustainable Future”. 05/2021 – *iDEA*, Bangladesh

## AWARDS AND RECOGNITION

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- Awarded National Science and Technology (NST) Fellowship, Ministry of Science and Technology (MOST), Bangladesh (2024-2025) on my research project.

## WORK EXPERIENCE

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### Research Assistant

Under the supervision of **Dr. Mohammad Mehedi Hasan Khan, Professor**, Department of Biochemistry and Chemistry, Sylhet Agricultural University. [June 2025 to December 2025]

## REFERANCES

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- 1. Dr. Mohammad Mehedi Hasan Khan**  
Professor, Department of Biochemistry and Chemistry, Sylhet Agricultural University.  
Email: [khanmmh.biochem@sau.ac.bd](mailto:khanmmh.biochem@sau.ac.bd) ; Phone No.: +8801680592166
- 2. Mst Rubaiat Nazneen Akhand**  
Associate Professor, Department of Biochemistry and Chemistry, Sylhet Agricultural University.  
Email: [rubaiatmna.biochem@sau.ac.bd](mailto:rubaiatmna.biochem@sau.ac.bd) ; Phone No.: +8801726895105

## EXTRA-CURRICULAR ACTIVITIES

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Adobe Photoshop and Illustrator, Video Editing, Public Speaking, Event Organizing, Class representative