

PREETY MAZUMDER

MSc. IN BIOTECHNOLOGY AND BIOINFORMATICS



✉ preetymazumder111@gmail.com ☎ +916002446498 JORHAT, ASSAM DOB: 12/09/1999

○ OBJECTIVE

1. Dedicated postgraduate with a passion for literature and strong communication and interpersonal skills, ready to learn from the experts. Seeking enrollement in the fellowship programme from the research institutes.
2. Seeking an opportunity to utilize my skills in work and to obtain employment with a company that offers a positive atmosphere to learn and implement new skills , technologies and contribute to the success of the company.

○ EXPERIENCE

1. **Institution: DIBRUGARH UNIVERSITY**

MSc. Project work :

- Isolation of cellulose utilizing bacteria from the gut of freshwater mollusc and subterranean termites (*Parreysia favidens* and *Psammotermes hypostoma*) and comparative analysis of cellulose enzyme with respect to their cellulase activity.

This project is mainly aims in the isolation of microbes from the gut of *P. favidens* and *P. hypostoma* involves in the cellulose degradation and are beneficial to human and environment as well. This work can be utilized as a cost- effective source of enzyme and environment as well. This work can be utilized as a cost- effective source of enzyme supply in place of host-cost imports of chemical enzymes

2. **Institution: D.C.B Girl's college**

BSc. Project work :

- A case study of pesticide – The impact of *Lantana Camara* as a pesticide/ insecticide.

This project is mainly showing promise of *L. camara* becoming a potential source of bio pesticide for economical and environmentally against stored grain pests during storage of grains or pulses.

3. **Diploma in computer**

1 year Post Graduate Diploma in Computer Application.

4. **EXPERIENCE :**

Company name : Primary Healthtech Pvt Ltd.| Startup India Recognized Company.
IIT- Guwahati.

Position/ Job Title : Research Associate.

Date of Employment : 3-October 2023 to 3-April-2024

Responsibilities : Develop and maintain new biochemistry test parameters.
ex- HDL-C , ALT/ SGPT , AST/ SGOT, GLUCOSE, HbA1c etc
Handling of biological samples along with experience in performing biochemical tests.

EDUCATION

- **MASTER OF SCIENCE (MSc.)**

- DIBRUGARH UNIVERSITY, DIBRUGARH
2021-2023

SPECIALIZATION- BIOCHEMISTRY
SGPA

1ST SEMESTER: 8.10

2ND SEMESTER: 7.48

3RD SEMESTER: 7.41

4TH SEMESTER: first class with grade 'A'

CGPA: 7.48

- **BACHELOR IN ZOOLOGY (B.Sc.)**

D.C.B GIRL's COLLEGE, JORHAT

STREAM- SCIENCE

2018-2020

PERCENTAGE- 72.21%

- **HIGHER SECONDARY**

PRAGJYOTICA JUNIOR COLLEGE, TITABAR

STREAM- SCIENCE

2015-2017

PERCENTAGE- 67.2%

- **HIGH SCHOOL**

TITABAR TOWN HIGH SCHOOL, TITABAR

2015

PERCENTAGE- 73%

- **EXTRA-CURRICULAR ACTIVITIES**

- ➔ Badminton
- ➔ Cricket
- ➔ Arts & crafts
- ➔ Dance

- **INSTRUMENTS WORKING WITH**

- ➔ Biochemistry Auto Analyzer
- ➔ Biochemistry Semi-Auto Analyzer
- ➔ Spectrophotometer
- ➔ Microscope , Autoclave , Laminar Airflow Colony counter , all types of microbiology Equipments.
Expert in pipettes handling.

- **INTERPERSONAL SKILLS**

Effective Communication
Analytical Reasoning
Team-building & Leadership
Social Responsibility
Patience
Creative thinking

- **TECHNICAL SKILLS**

MS OFFICE
WORD
EXCEL
POWERPOINT
LEARNING -C PROGRAMMING
JAVA
ORIGIN
FIGMA

- **CERTIFICATIONS & WORKSHOP**

Certificate of participation : Workshop on Patenting Innovations and Intellectual Property Rights in the year 2022 sponsored by Assam Science Technology And Environment Council(ASTEC) Government Of Assam, GUWAHATI. Organized By Intellectual Property Rights (IPR) Cell, Dibrugarh University.

- **LANGUAGES SKILLS**

- ➔ ENGLISH : Read, Write, Speak
- ➔ HINDI : Read, Write, Speak
- ➔ ASSAMESE : Read, Write, Speak
- ➔ BENGALI: Read, Write, Speak

Signature

Preety Mazumder.