

CURRICULUM VITAE

Name: SNEHA ROYCHOUDHURY

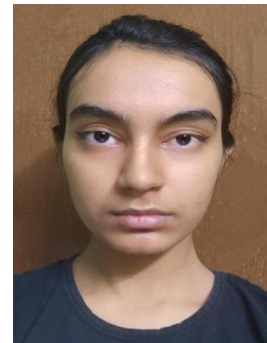
Date of Birth: 25/10/1999 **Gender:** Female

Contact Details: 9903261031 / sneharoychoudhury1999 @ gmail.com

Current qualification : M.Sc. in Microbiology

Lady Brabourne College (Under University of Calcutta), Kolkata

Father's name: MR. SUMANTA ROYCHOUDHURY



Mother's name: MRS. BULBUL ROYCHOUDHURY

Permanent address: 146/A, Deshbandhu Sarani, P.O.

Baksara, P.S. Santragachi, Howrah-

711110 .

EDUCATIONAL QUALIFICATION:

Degree/ Subject	Marks% or CGPA	Board/ University	School/ College	Passing year
Master of Science in Microbiology	7.337 (Grade A)	University of Calcutta	Lady Brabourne College, Kolkata	2023
Bachelor of Science in Microbiology	8.367 (Grade A+)	University of Calcutta	Bijoy Krishna Girls' College, Howrah	2021
10+2	82.8%	West Bengal Council of Higher Secondary Education	Buxarah Surendranath Girls' High School, Howrah	2018
10	88.14%	West Bengal Board of Secondary Education	Ramakrishna Sarada Mission Sister Nivedita Girls' School, Kolkata	2016

INTERNSHIP / TRAINING:

- Summer internship at Lady Brabourne College on "Isolation of endophytic bacteria from several true Mangrove trees of Sundarban Biosphere Reserve in India, their characterization and assessing their plant growth promoting activity" (2023: currently ongoing).
- 50 hours online workshop on "Introduction to OMICS and its role in clinical research" by ACS IIT Bombay student chapter and Graduate School of Science (2023: currently ongoing).
- Lady Brabourne College in- house summer project on "Studying the effect on fenugreek seed extract on the probiotic bacterium *Bacillus clausii*" (Duration : 5 months) in 2022.
- One-day hands-on training, quiz and certificate on " Omics data analysis" workshop focusing on Uniprot, Metaboanalyst, MaxQuant, Perseus arranged by IIT Bombay student chapter and ACS in 2023.
- 2 day hands-on training and completion certificate on Immunological assays including Manicini's radial immunodiffusion, Ouchterlony double diffusion, qualitative and quantitative immune electrophoresis and several other assays as well as food Microbiology, organised by AM Educare (private lab and training centre) in 2021.

Academic achievements:

- Nomination for "Student of the year" award by Microbiologist Society of India in postgraduate category (2023).
- First prize for top scorer in Microbiology postgraduate department at Lady Brabourne College (Academic year 2021-2023).
- Top scorer in graduate level in Microbiology department of Bijoy Krishna Girls' College (Academic year: 2018- 2021).

ORAL PRESENTATION:

- Presented on " Agrobacterium- mediated gene delivery" in Microteaching conference arranged by Bijoy Krishna Girls' College, Howrah in 2020.

SEMINARS / WEBINARS:

- Participated in a state level webinar on Environmental Ethics.
- Participated in a state level webinar on, "Managing SARS- COVID 2: an overview".
- Participated in one day seminar on "Real time monitoring of the impact of climate change on the mangrove forest of Sundarban Tiger Reserve, West Bengal, India."

TECHNICAL SKILLS:

- Basic laboratory techniques like bacterial spread plating, pour plating, streaking, Genomic and plasmid DNA isolation, PCR, protein quantification, conducting and analyzing SDS-PAGE, Agarose gel electrophoresis, pipetting, biochemical tests, phage assay.
- Handling Laboratory instruments and machines like centrifuge, incubator, compound and fluorescent microscopes, autoclave, spectrophotometer.

- Immunological practices like human blood group determination, Ouchterlony double- diffusion assay, Radial immunodiffusion, qualitative and quantitative immunoelectrophoresis and many others.

LANGUAGE SKILLS:

- English: Professional proficiency
- Bengali: Native or bilingual proficiency
- Hindi: Professional proficiency

SOFT SKILLS:

- Good at teamwork
- Enthusiastic
- Dedicated and focused
- Working under pressure

FIELD OF INTEREST:

- Bacteriology
- Recombinant DNA Technology
- Molecular Biology
- Microbial Genetics

OTHER INTERESTS:

- Painting
- Digital art
- Reading

