



SRABANI ROY CHOWDHURY

STUDENT, M.TECH BIOTECHNOLOGY

CAREER OBJECTIVES

To work in a professional environment where I can contribute myself and enrich my skills according to the latest technologies and work towards achieving organizational goals.

PERSONAL INFORMATION

Date of Birth- 10.08.1997

Address- Purba Sripur Badamtala, PO- Boral, PS- Sonarpur, Pin- 700154

CONTACT

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EMAIL:

thesrabaniroychowdhury@gmail.com

LinkedIn-

<https://www.linkedin.com/in/srabani-roy-chowdhury-09b9b1164/>

CERTIFICATION COURSES

Drug Development

<https://www.coursera.org/account/accomplishments/certificate/EMJCNQ7L52RF>

SKILLS

- **Basic Biotechnological techniques**
- **Mammalian cell culture techniques**
- **Molecular Biology techniques (Western Blotting, RtPCR, RNA and protein extraction, cDNA preparation)**
- **Network Pharmacology**
- **Basic techniques used in Microbiology and phytochemical screening**

HOBBIES/ INTERESTS

- Content Writing (both scientific and creative)
- Photography
- Travel Blogging

STRENGTHS

Hardworking, punctual, and well-coordinated. Compatible with both working alone and in a team

WORK EXPERIENCE

Scientific Research Author, BioXone Biosciences Pvt ltd.

EDUCATION

Ram Mohan Mission High School

ICSE (2014)- 85%

G.D. Birla Centre for Education, Kolkata

ISC (2016)- 85%

Techno India University, West Bengal

B. Tech Biotechnology

2016 - 2020

CGPA – 8.60

Maulana Abul Kalam Azad University of Technology, West Bengal

2020-2022

M.Tech Biotechnology

CGPA- 9.36*

*Up to last semester

TRAININGS AND CERTIFICATES

- Presenting author at the 4th Regional Science and Technology Congress, 2019, by the Department of Science & Technology and Biotechnology, Government of West Bengal and MAKAUT, West Bengal.
- Best Poster Presentation at the 1st National Symposium of BT-STAR'19, Dr. KPC Life Sciences Pvt Ltd.
- Hands-on training on Molecular Biology from Dr. KPC Life Sciences Pvt Ltd.
- 7day training on DNA Fingerprinting from BioAxis DNA Research Centre, Hyderabad.
- Workshop on Advanced Molecular Docking, Virtual Screening, and Computational Biology under IIIT Allahabad.
- National level seminar and workshop on Recent Aspects of Microbiological Techniques (RAMT, 2017), Techno India University, West Bengal.

PROJECTS

Undergraduate

- Major Project 1- Preliminary Phytochemical Screening with the Analysis of Free Radical Scavenging and Antimicrobial Potential of Five Different Species of Hibiscus Leaves Alcoholic Extract: A Comparative Study
- Major Project 2- Preliminary phytochemical screening with the evaluation of antioxidant and Anti-microbial efficacy Citrus limon and Citrus aurantifolia leaf hydro-alcoholic extract: A comparative study.
- Minor Project 1- Biodegradable, non-hazardous, and eco-friendly Plastic.
- Minor Project 2- Bio-fuel from Green Algae.

Postgraduate

- Molecular Insight into the Mode of Action of Epigallocatechin-3-Gallate (EGCG) in IBD and Associated Colorectal Cancer

PUBLICATIONS

- Saha, M., Chowdhury, S. R., Mitra, D., Ghosh, C., Ghosh, P., & Chatterjee, S. (2021). Preliminary phytochemical screening with the evaluation of antioxidant and antimicrobial efficacy Citrus limon and Citrus aurantifolia leaf hydro-alcoholic extract: A comparative study. International Journal of Botany Studies, 6(4), 98–105.