
Suranjana Sikdar

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Summary

A microbiology student passionate for study, research, lab work.

Skill Highlights

- Basic Microbiology and Molecular Biology Techniques
- Linux
- Bioinformatics tools

Bioinformatics

- Basic Bioinformatics
- Python (Basic)
- Database use (NCBI, ENSEMBLE, BioMart)
- Genome assembly, annotation (gene prediction, protein prediction)
- Characterization of Proteins, 3D structure analysis
- Drug designing

Language and Hobbies

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| ● Bangla (Native) | ● Painting |
| ● English (Secondary) | ● Gardening |
| | ● Reading |

Experience

- Research Intern –From 01.12.2019 to present, Chittagong Veterinary and Animal Science University, Chittagong
- Research Assistant –From 01.02.2020 to present , Bangladesh Council of Scientific Industrial Research, Chittagong

Education

- 2020- Present Masters of Science in Microbiology
University of Chittagong, Chittagong, Bangladesh
- 2016- 2019 Bachelor of Science in Microbiology
University of Chittagong, Chittagong, Bangladesh
- 2013- 2015 Higher Secondary Certificate
- 2003- 2013 Secondary School Certificate

Certificates

- Linux – 2020, at Chittagong Veterinary and Animal Science University, Chittagong
- Public Health – 2019, at Global Public Health Research Foundation, Dhaka
- DNA Barcoding –2019, at Chittagong Veterinary Animal Sciences University
- Scientific Writing – 2018, at American Society of Microbiology, CU
- Bangladesh International Conference for biomedical students - 2016, Military Institute of Science and Technology (MIST), Bangladesh

Online course completed

- Introduction to the Biology of Cancer - Johns Hopkins University
- Programming for Everybody (Getting Started with Python) - University of Michigan
- Gut Check : Exploring Your Microbiome - University of Colorado Boulder,
University of California San Diego

- A Crash Course in Data Science - Johns Hopkins University
- Introduction to Genomic Technologies - Johns Hopkins University
- Antimicrobial resistance -- theory and methods - Technical University of Denmark (DTU)
- How to Write and Publish a Scientific Paper - Ecole Polytechnique

Publication

- Saima Hossain, Suranjana Sikdar, M. M. Asif, Oaindriila Bhattacharjee, Riazul Hakim Chy, Oishi Barua, Muhammad Myn Uddin* (2018). A Survey on Awareness, Practice and Consequence Of Self-medication in Chittagong City. *5th International Conference on Natural Sciences and Technology (ICNST'18)*.

<http://ilab-australia.org/jms/catalog/a-survey-on-awareness-practice-and-consequence-of-self-medication-in-chittagong-city/>

Personal details

Full Name : Suranjana Sikdar
 Father's Name : Dr. Dwaipayan Sikdar
 Mother's Name : Nilanjana Sikdar
 Date of Birth : March 31, 1997
 Nationality : Bangladeshi
 Gender : Female
 Marital status : Unmarried

Reference

Dr. AMAM Zunaed Siddiki Professor Dept. Pathology and Parasitology Faculty of Veterinary Medicine zsiddiki@gmail.com Chittagong Veterinary and Animal Science University	H. M. Abdullah Al Masud Associate Professor, Department of Microbiology University of Chittagong masud.mbio@cu.ac.bd
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