



Sulagna Roy

CURRICULUM VITAE

Personal Profile

Name: Sulagna Roy
Born / Sex: July 12, 1991 / Female
Nationality: Indian
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WB -741222, India
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Professional Profile

Designation: Guest Lecturer
Institute: Santipur College
Department: Department of Botany
Contact Address: N.S Road, Santipur
Santipur, WB 741404, India

Academic Profile:

Areas of Research: Cytogenetics, Algal ecology, Population ecology

Academic Records:

2016 M.Sc., in Botany
Specialization in Phycology, University of Kalyani, India.
2013 B.Sc. (Honours), in Botany
Chakdah College (University of Kalyani), India.

Master's Project:

"Biddulphia aurita var.obtusa (Kutzing) Hustedt - Taxonomic revision of the species & observations on effect of varying salinity on its growth patterns",
Supervisor: Dr. Neera Sen Sarkar

Academic Project:

"Prediction of possible mutation in the enzyme tyrosinase: A bioinformatics approach",
Host institute: The Biome

Publications:

1. Mitu De , Chayanika Roy , Suchismita Medda , **Sulagna Roy** and Santi Ranjan Dey
"ICSEH: Analysis of the comparative role of Hydrilla verticillata and Vllisnaria spiralis in maintaining the physiochemical parameters in an aquatic ecosystem for sustainable aquaculture. "
Int. J. Exp. Res. Rev., Vol. 19: 40-48 (2019)
2. Deeptak Biswas, **Sulagna Roy**
"Analyzing COVID-19 pandemic with a new growth model for population ecology "
arXiv preprint arXiv:2004.12950

Presented talk and poster:

1. "Understanding Bioluminescence in Dinoflagellates" at National Seminar on Cryptogamic Botany : December 18-19, 2014

2. "Prediction of Possible Mutation in the Enzyme Tyrosinase: A Bioinformatic Approach" at Berhampore Girl's College, "Biological Sciences for human welfare: Teaching an Research modern perspective": 29th and 30th September, 2018

Computational skill:

Chimera, Psipret, Ratorx, Asaview