

Faculty Profile

Santipur College

Department of Botany

General Information



Name	Sulagna Roy
Designation	SACT 2
Date of joining	14.11.2017
Address	Subhasnagar Dakshin, Chakdah, Nadia , pin :741222
Contact E-mail	beingsulagna@gmail.com
Academic Qualification	M.Sc

Research And Publication

Area of Specialization		Phycology Bioinformatics	
Research interest		Rice, Cytogenetics, Algal ecology, Population ecology	
Paper Publication			
Sl. No.	Date	Title	Publisher / Other Information
1	July, 2023	Prediction of Secondary Structure of RNA of RTSV (Rice Tungro Spherical Virus): A RNA Virus Associated With Rice Tungro Disease (RTD)	International Journal of All Research Education and Scientific Methods (IJARESM) Volume 11 ISSN: 2455-6211 DOI: 10.56025/IJARESM.2023.117232241 Authors: Meghna Saha, Mitu De, Soumima Chatteraj, Sulagna Roy, Rayan Das, Javeria Nayeb,

			Shreyasi Guchhait, Titli Chowdhury, Shreya Dutta, Srinjini Saha, Shreya Jeti, Samiran Mondal, Santi Ranjan Dey
2	August, 2019	Diverse role of Macrophytes in aquatic ecosystems: A brief review	International Journal of Experimental Research and Review (IJERR) Int. J. Exp. Res. Rev., Vol. 19: 40-48 (2019) ISSN: 2455-4855 DOI: 10.52756/ijerr.2019.v19.005 Authors: Chayanika Roy, Suchismita Medda, Sulagna Roy, Santi Ranjan Dey
3	April, 2020	Analyzing COVID-19 pandemic with a new growth model for population ecology	International Journal of Experimental Research and Review (IJERR) DOI: 10.13140/RG.2.2.34847.92324/1 Authors: Deeptak Biswas, Sulagna Roy
Talks/ Paper or Poster Presentations/ Chairing Sessions/ Seminar/ Webinar/ Workshop/ RC/ OP/ Short term Course/ Any Other attended			
Sl. No.	Date	Title	Place/ Organizer/ Other Information
1	18.12.2014 - 19.12.2014	Understanding Bioluminescence in Dinoflagellates	Seminar National Seminar on Cryptogamic Botany, Kalyani University
2	29.09.2018 - 30.09.2018	Prediction of Possible Mutation in the Enzyme Tyrosinase: A Bioinformatic Approach , Biological Sciences for human welfare: Teaching and Research modern perspective	Seminar Berhampore Girl's College
3	28.08.2020	Rosalind Franklin Birth Centenary Lecture Series	Seminar IQAC, Rammohan College, Department of Zoology
4	31.08.2020	National Webinar on Biotechnology for human welfare	Webinar IQAC, Department of Zoology, Charuchandra College
5	19.06.2025 - 20.06.2025	Biotechnology for Sustainable Environment: Present and Future (BSE-2025)	Seminar Department of Botany in association with IQAC, Kabi Nazrul College, Murarai, West Bengal

6	25.08.2020	Science, Biology and the World's Future	Dinabandhu Andrews College Department of Botany in collaboration with IQAC
7	31.08.2020	Challenges in Environmental Microbiology	Department of Botany and IQAC Chakdah College
8	24.08.2020, 25.08.2020	Neoteric Approaches in Applied Sciences	Seminar Department of Botany and Department of Physics in collaboration with IQAC, Darjeeling Government College
9	27.06.2025	Biodegradable Waste Separation Management	Seminar Department of Zoology, Santipur College
10	05.08.2024 - 14.08.2024	NEP 2020 Orientation and Sensitization Programme	Seminar Malaviya Mission Teacher Training Centre, Himachal Pradesh University, Shimla

Institutional Responsibilities

Portion of syllabus allotted		
Semester	Major/ Minor/ SEC/ MDC/ Other	Topic allotted
Semester 1	Major	Origin, Life Processes & Diversity of Plant groups Plant Diversity and Morphology Practical
	VAC	Environmental Education Plant diversity and Human welfare
Semester 2	Major	Biomolecules Medicinal Botany Practical
Semester 3	Major	Xanthophyceae Mushroom Culture Plant diversity and Morphology
Semester 4	Major	Bryophytes and Pteridophytes Gymnosperm and Paleobotany Practical

Semester 5	Major	Plant systematics, Morphology and Anatomy Practical
Semester 6	Major	Plant Physiology and Biochemistry Practical
Administrative Positions		
1	Convener, Department of Botany	Since 2024
Institutional Committees		
Sl. No.	Name of Committee	Member / Convener
1	Career Counseling Committee	Member
2	Feedback and Curriculum Enrichment Committee	Member
3	Green Audit Committee	Member
4	NSS Girls' Wing	Member
5	Routine Committee	Member