



VIDYASAGAR COLLEGE

39 SANKAR GHOSH LANE
KOLKATA

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5	Date of Joining	09.09.2019		
Academic qualifications				
6	Degree	Subject	University	Year
	Ph.D	Science	University of Kalyani	2019
	M.Phil	NA		
	M.sc	Botany	University of Kalyani	2012
	B.Sc	Botany (H)	University of Kalyani	2010
PH.D. DETAILS				
7	Title of the Thesis	Taxonomy and ecological dynamics of Phytoplankton vis-à-vis climate change in the estuarine system of Indian Sundarbans.		
	Field of specialization under subject/ discipline	Taxonomy and ecology of phytoplankton		
8	PREVIOUS POSITIONS/Engagement			
9	Google scholar page:			
10	ORCID ID	https://orcid.org/0009-0003-9586-7351		
11	HONOURS AND AWARDS			
12	CURRENT RESEARCH PROJECT/Field of Research			
13	TECHNICAL UNDERSTANDING AND EXPERIENCE			
14	SUMMARY OF RESEARCH EXPERIENCE			
15	EXPERIENCE OF PROJECT MANAGEMENT			
16	COMPLETE LIST OF PUBLICATIONS (Maintain Harvard Format)	<ol style="list-style-type: none"> 1. Sen Sarkar, N., Biswas, B., Mandal, M., Das, T. and Sekh, S., 2024. Prevalence history of morphological variants of Cerataulina resting spores in Indian Sundarbans and resultant phylogenetic analysis. <i>Botanica Marina</i>, 67(1), pp.73-86. 2. Sarkar, N.S. and Sekh, S., 2019. Dynamics of Algae in Sundarbans and their Implications as Climate Change Proxies. <i>The Sundarbans: A Disaster-Prone Eco-Region: Increasing Livelihood Security</i>, pp.133-159. 3. Mandal, R.P., Sekh, S., Mondal, D. and De, S., 2018. Multifunctional role of liposome-mimicking vesicles– Potential nanoreactors and effective storehouses for 		

		<p>hemoglobin. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i>, 558, pp.33-44.</p> <ol style="list-style-type: none"> 4. Adhikari, S., Sekh, S., Bandyopadhyay, T.K. and Ghosh, P., 2018. Touchdown-PCR based RAPD assay for early diagnosis of gender in <i>Carica papaya</i> L. 5. Sekh, S., Biswas, B., Mandal, M. and Sarkar, N.S., 2016. Seasonal dynamics of the genus: <i>Planktoniella</i> Schutt in the estuarine waters of Indian Sundarbans. <i>SpringerPlus</i>, 5, pp.1-14. 6. Mandal, R.P., Sekh, S., Sarkar, N.S., Chattopadhyay, D. and De, S., 2016. Algae mediated synthesis of cadmium sulphide nanoparticles and their application in bioremediation. <i>Materials Research Express</i>, 3(5), p.055007. 7. Paul, S.S., Mallik, B., Mandal, M., Biswas, B., Sekh, S. and Sarkar, N.S., 2016. Epilithic diatoms as biological water quality indicators-A study in three geographically isolated hill streams in India. <i>Journal of Environmental Biology</i>, 37(2), p.275. 8. Mandal, M., Biswas, B., Sekh, S. and Sarkar, N.S., 2015. Diatoms in sub-surface sediment cores from mangrove forest floors of deltaic islands in Sundarbans, India. <i>Journal of the Bombay Natural History Society (JBNHS)</i>, 112(2), pp.72-82. 9. Sarkar, N.S. and Sekh, S., Algal Resources in the Indian Coastal and Marine Systems with Special Reference to Sundarbans.
17	Extracurricular Activities	
18	Link to personal website (if any)	