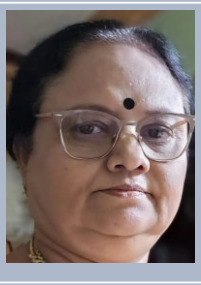

VIDYASAGAR COLLEGE
39 SANKAR GHOSH LANE
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Name : Sharmila Bhattacharya

1	Name	SHARMILA BHATTACHARYA		
2	Designation	Associate Professor		
3	Mail ID	milukolkata@gmail.com		
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5	Date of Joining	11.02.1998		
Academic qualifications				
6	Degree	Subject	University	Year
	Ph.D	Chemistry	Jadavpur University	1987
	M.Phil	--	--	--
	MA/M.sc	Chemistry	Visva Bharati	1982
	BA/B.Sc	Chemistry (H)	Visva Bharati	1980
PH.D. DETAILS				
7	Title of the Thesis	Photoelectrochemical cells containing Phenazine Dyes		
	Field of specialization under subject/ discipline	Physical Chemistry PHOTOCHEMISTRY		
8	PREVIOUS POSITIONS/Engagement	Research Associateship (CSIR) Adhoc Fellowship for Post Doctoral work		
9	Google scholar page:	NA		
10	ORCID ID	NA		
11	HONOURS AND AWARDS	1. PRESIDENTS' GUIDE under Bharat Scouts & Guides. 2. Best "All round Student" at school (1973-1975) 3. Best paper presentation award in 21st and 22nd Annual Convention of Chemists in 1984 and 1985 4. Best paper presentation award in Internation Seminar on Silver Jubilee Celebration of Indian Photobiology Society, in 1989		
12	CURRENT RESEARCH PROJECT/Field of Research	NA		
13	TECHNICAL UNDERSTANDING AND EXPERIENCE	Related to teaching at undergraduate level, which includes Head Examiner of Honours papers, both practical and theory for 9 consecutive years.		
14	SUMMARY OF RESEARCH EXPERIENCE	11 years of academic research for PhD and Post Doctoral research from 1982 – 1993.		
15	EXPERIENCE OF PROJECT MANAGEMENT	NA at present		
16	COMPLETE LIST OF PUBLICATIONS (Maintain Harvard Format)	1. Rohatgi-Mukherjee, K.K., Roy, S. & Bhowmik, B.B., (1985). 'Electrode Kinetics of Phenosafranin-EDTA system using illuminated semiconductor electrode'. *Indian Journal of Chemistry,* 24A. pp 5-7. 2. Bhowmik, B.B., Roy, S. & Rohatgi-Mukherjee, K.K. (1986). 'Photoelectrochemical cell with Phenosafranin coated electrode'. *Indian Journal of Chemistry,* 25A, pp 714-718.		

		3. Bhowmik, B.B., Roy, S. & Rohatgi-Mukherjee, K.K. (1986). 'Photoelectrochemical cell with sintered glass membrane'. *Indian Journal of Technology,* 24, pp 388-390. 4. Bhowmik, B.B., Roy, S. & Rohatgi-Mukherjee, K.K. (1987). 'Electrode kinetics of photoinduced redox reactions: Phenosafranin-EDTA aqueous system'. *Indian Journal of Chemistry,* 26A, pp 183-186. 5. Bhowmik, B.B. & Roy, S., (1987). 'A Phenosafranin-amine photoelectrochemical cell'. *ENERGY, Pergamon*, 12 (6), pp 519-521. 6. Jana, A.K., Roy, S. & Bhowmik, B.B., (1988). 'Studies on storage photoelectrochemical cell of Phenazine dye-EDTA and different redox couples. *ENERGY, Pergamon*, 13(2), pp 161-166. 7. Bhowmik, B.B. & Roy, S., (1988). 'Absorption and Fluorescence spectra of Phenosafranin in aqueous solutions in presence of alkylamines'. *Indian Journal of Chemistry,* 27A, pp 237-239. 8. Basu, S., Paul, T., & Roy, S., (1989). 'Absorption and fluorescence spectra of tetrakis (sulphonatophenyl) porphyrin in Triton X-100 micelles: Analysis in terms of four orbital model paramater'. *Indian Journal of Chemistry,* 28A, pp 729-734. 9. Jana, A.K., Roy, S. & Bhowmik, B.B., (1990). 'Photoeletrochemical and spectral studies of Phenosafranin in different reducing agents'. *CHEMICAL PHYSICS LETTERS,* 168 (3,4), pp 365-370. 10. Bhattacharya (Roy), S., Jana, A.K. & Bhowmik, B.B,. (1991) 'Storage Solar Cell consisting of Phenosafranin-EDTA in surfactant solution'. *J. Photochem Photobiol A: Chem,* 56, 99 81-87. 11. Roy, S., Jana, A. K., Bhowmik, B.B., (1992). 'Kinetics of temperature dependent photoinduced redox reactions in a photoelectrochemical cell'. *SOLAR ENERGY Pergamon,* 48(4), pp 215-219. 12. Jana, A. K., Roy, S., Bhowmik, B.B., (1993). 'Photoelectrochemical cells consisting of Phenosafranin-EDTA and different redox couples with illuminated semiconductor electrode'. *SOLAR ENERGY Pergamon,* 51(5), pp 313-316. 13. Book Chapter: Bhattacharya, S., Jana, A. K., & Bhowmik, B. B., (1990). 'Storage solar cell consisting of dye-EDTA and redox couples with illuminated semiconductor electrodes'. *Integrated Renewable Energy for Rural Development,* Solar Energy Society of India, Tata Mc Graw Hill, New Delhi, pp 428-431.
17	Extracurricular Activities	Singing, Stitching, Art & Craft.
18	Link to personal website (if any)	NA