

DEPARTMENT OF CHEMISTRY

PROFILE OF TEACHING STAFF AS ON 30-06-2025

Smt. SANCHAITA DAS

- Total Teaching Experience in this College: 7 Years 2 months
- Special Paper/Specialization in M.Sc.: (Physical Chemistry)

- (a) **Full Name:** SANCHAITA DAS
 (b) **Present Designation:** State Aided College Teacher (Category II)
 (c) **Areas of Specialization:** Physical Chemistry
 (d) **E-mail ID:** sanchaitadas16@gmail.com
 (e) **WhatsApp Number:** 9674576582

(f) Academic Qualifications (From UG Onwards):

Sl. No.	University/College/Institution from which the Degree was obtained	Name of the Degree e.g., M.A.	Year of Obtaining Degree
1	Shibpur Dinobundhoo Institution College (University of Calcutta)	B.Sc Hon's (Chemistry)	2016
2	Lady Brabourne College (University of Calcutta)	M.Sc (Physical Chemistry)	2018
3	Netaji Subhas Open University	Pursuing PhD (Physical Chemistry)	2023-Present

(g) Teaching Experiences:

Sl. No.	Name of the University/College/Institution	Period (i.e., From.....to
1	Shibpur Dinobundhoo Institution (College)	19 th February, 2019 to Present

(h) Research Experiences:

Sl. No.	Academic Session	Name of the University/College/Institution	Period (i.e., From.....to
1	2022-2023	Netaji Subhas Open University	26th April, 2023 to Present

(i) RC/OP/FIP/STC Attended:

Sl. No.	Academic Session	RC/OP/FIP/STC etc.	University/Institution	Period (i.e., From.....to	Online/Offline
1	2023	One Week Faculty Development Programme on Computer Programming Basics (FORTRAN) (Based on Calcutta University UG, CBCS Curriculum)	The Bhawanipur Education Society College, Kolkata	5th June, 2023 to 11th June, 2023	Offline
2	2024	A One-day Workshop on AI for Everyone based on Calcutta University Semester-II CCF Syllabus	The Bhawanipur Education Society College, Kolkata	25th April, 2024	Offline
3	2025	A One-day Workshop on Computer Aided Drug Designing: A Pathway to Precision Medicine.	Netaji Subhas Open University	15th May, 2025	Offline

NUMBER OF PUBLICATIONS & CONFERENCE/ SEMINARS

Sl. No.	Academic Session	Published Papers in National Journals (Number)	Published Papers in International Journals (Number)	Book published as Author (Number)	Book published as Editor (Number)	Articles/Chapters Published in Books (Number)	Conference/Seminar Volumes (Number)	Papers accepted/ Presented in Conferences, Seminars, Workshops, Symposia (Number)	Invited Lectures and Chairmanships at National or International Conference/Seminar (Number)	News Paper Publications (Number)	Books Reviewed (Number)
1	2025	0	2	0	0	0	2	1	0	0	0

DETAILED LIST OF PUBLICATIONS

(a) JOURNALS (International)

Sl.No.	Title with Page No.	Journal	ISSN No.	Whether peer-reviewed.	Impact factor, if any.	No. of Co-Authors	Whether you are the sole author
1	Can Synergistic Solvation Increase Polarity Beyond Water? An Intriguing Case Study of Aqueous Binary Mixtures of 1,2-Dimethoxyethane, 2-Methoxyethanol and Ethylene Glycol. Cite: J. Phys. Chem. B 2025, 129, 2043-2056	Journal of Physical Chemistry B	1520-5207	Yes	2.9	4	No

2	Photophysical properties of coumarin-annulated thiazole derivatives : A combined experimental and computational study. Cite: Journal of Molecular Structure 1343 (2025) 142838	Journal of Molecular Structure	1872-8014	Yes	4.9	5	No
---	---	--------------------------------	-----------	-----	-----	---	----

● **Conference/ Seminar Volumes: Not Applicable**

Sl. No.	Title with Page No.	Details of Conference Publication	ISSN/ISBN	No. of co-authors	Whether you are The Sole author
1	Spectroscopic Study of Binary Mixtures of Methanol and Ethanol with Dimethoxymethane, 2-Methoxyethanol, and Ethylene Glycol: A Dive into the Solvation Process. (Page-A-81)	Book of Abstracts, Innovation, Expansion, Impacts and Challenges in Chemical and Biological Sciences-2025 Published by Unique Books International	978-93-92092-71-8	3	No
2	Investigation of Photophysical Properties and Solvatochromic Behaviour of Coumarin-annulated Thiazole Derivatives. (Page-A-64)	Book of Abstracts, Innovation, Expansion, Impacts and Challenges in Chemical and Biological Sciences-2025 Published by Unique Books International	978-93-92092-71-8	4	No

● **Papers accepted/ Presented in Conferences, Seminars, Workshops, Symposia**

Sl. No.	Title of the Paper Presented	Title of Conference/ Seminar	Organized by	Whether International /National/State/Regional/ College or University Level
1	Spectroscopic Study of Binary Mixtures of Methanol and Ethanol with Dimethoxymethane, 2-Methoxyethanol, and Ethylene Glycol: A Dive into the Solvation Process.	Innovation, Expansion, Impacts and Challenges in Chemical and Biological Sciences-2025	Surendranath College, Kolkata	International