



# BARASAT GOVERNMENT COLLEGE

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## TEACHER'S PROFILE

**DR SAMRAJNEE DUTTA, DEPARTMENT OF CHEMISTRY**

- **DESIGNATION** : Associate Professor
- **QUALIFICATION** : M.Sc., Ph.D.
- **DATE OF JOINING THE SERVICE** : Apr 21, 1998
- **DATE OF JOINING THE INSTITUTION** : Jul 29, 2016
- **ADDRESS FOR COMMUNICATION** : Barasat Govt. College, 10 K.N.C Road, Barasat, Kolkata 700124
- **PHONE NO** : Personal information
- **EMAIL ADDRESS** : samrajnee.dutta@gmail.com
- **SPECIALIZATION** : Physical Chemistry
- **TEACHING EXPERIENCE** : UG course from April 1998 till date  
PG course from April 1998 to March 2020
- **COLLEGE SERVED** : 1.Presidency College( Presidency University) (21.4.1998 to 4.07.2013)  
2.Jhargram Raj College (5.7.2013 to 28.07.2016)  
3.Barasat Govt. College ( 29.7.2016 till date).

<p>➤ <b>ACADEMIC AND ADMINISTRATIVE EXPERIENCE</b></p>	<p>: Have been appointed as paper setter, examiner, head examiner for various universities and autonomous colleges of Bengal viz, Calcutta, Presidency, St.Xaviers, Narendrapur, Vidyasagar, State University, etc. Have acted as various comittess in different colleges like IQAC, NAAC, Admission, Examination, ICC etc.</p>
<p>➤ <b>TOPICS TAUGHT</b></p>	<p>: Thermodynamics, Quantum mechanics, Statistical Thermodynamics, Spectroscopy, Electrochemistry, Chemical Kinetics, Fortran programming in</p>
<p>➤ <b>AREA OF RESEARCH &amp; INTEREST</b></p>	<p>: Protein structure and folding</p>
<p>➤ <b>ONGOING PROJECT DETAILS</b></p>	<p>: None</p>
<p>➤ <b>AWARD RECEIVED</b></p>	<p>: None</p>
<p>➤ <b>PATENT DETAILS</b></p>	<p>: None</p>
<p>➤ <b>EXTRACURRICULAR ACTIVITIES</b></p>	<p>: None</p>
<p>➤ <b>CAREER PROFILE</b></p>	<p>: Have been awarded both B.Sc and M.Sc degree from Jadavpur University in the years 1991 and 1993 respectively. Ph.D was submitted from Indian institute of Chemical Biology, Kolkata under the guidance of Prof Amarnath Bhaduri and Dr. Debasish Bhattacharyya in the field of protein folding in 1998.</p>
<p>➤ <b>ACADEMIC LINK</b></p>	<p>: None</p>

## PUBLICATION

### JOURNAL PUBLICATION :

- (1) Durba Roy, Samrajnee Dutta, Shyam Sundar Maity, Sanjib Ghosh, Atanu Singha Roy, Kalyan Sundar Ghosh, Swagata Dasgupta, 'Spectroscopic and docking studies of the binding of two stereoisomeric antioxidant catechins to serum albumins', Journal of Luminescence, 41061, ISSN -0022-2313
- (2) Samrajnee Dutta , Debasish Bhattacharyya, 'Size of Unfolded and Dissociated Subunits versus that of Native Multimeric Proteins', Journal of Biological Physics, 36951, ISSN-0092-0606
- (3) Samrajnee Dutta, Nilesh Ranjan Maity, Debasish Bhattacharyya, 'Reversible Folding of UDP-galactose 4-epimerase from Escherichia coli', European Journal of Biochemistry, 35521, ISSN: 0014-2956
- (4) Samrajnee Dutta, Nilesh Ranjan Maity, Debasish Bhattacharyya, 'Multiple unfolded states of UDP-galactose 4-epimerase from yeast Kluyveromyces fragilis', Biochimica et Biophysica Acta, 35796, ISSN: 0006-3002



**BOOK PUBLICATION**

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