

DR. PARIMAL KUMAR DAS

Associate Professor

M.Sc. (Chemistry), Ph.D.

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» **Overview:**

Dr. Parimal Kumar Das has joined this college in July, 1999 as a Lecturer in Chemistry and at present he is in the position of Associate Professor of Chemistry. He completed his Bachelor's degree in Chemistry (Hons) and Master's Degree with specialization of Physical Chemistry from Burdwan University in 1991 and 1993 respectively. Then he was actively engaged in research work and obtained his Ph.D. degree in Science entitled Solvation Interaction in Various Media by Spectroscopic Techniques. He has substantial contribution in the field of his research through the publications in several reputed International and National level journals like, Journal of Chemical Society, Spectrochim Acta, Journal of Photochemistry and Photobiology, Indian Journal of Chemistry etc. He has been teaching basic courses in Chemistry at the under graduate as well as post graduate level, especially in the branches of Physical Chemistry.

» **Date of appointment to the present job:**

26th July, 1999

» **Other Academic/ Administrative post:**

- Teachers' Representative, G.B. T.D.B. College – from September, 2017- to till date.

» **Academic background:**

B. Sc. (Honours in Chemistry)- Durgapur Govt. College, 1991, M. Sc. (Chemistry)- Burdwan University, 1993 Ph. D. (Chemistry)- Burdwan University, 2001 GATE: 1994 NET (CSIR): July, 1995

» **Information about Ph.D.:**

- **Date of Award:** 7th May, 2001
- **Title of thesis:** *Studies on solvation interaction in various media by spectroscopic techniques.*

» **Professional Qualifications:**

- **GATE:** 1994
- **NET:** CISR, July, 1995

» **Publications in Journals:**

1. Das P. K., Banerjee D. and Bagchi S. (2007) Spectroscopic Study of association of a hemicyanine dye in mixed aqueous binary solvents, Spectrochim. Acta: A, 67, 225.
2. Banerjee D., Das P. K., Singha H. and Bagchi S. (2008) Fluorimetric study of interaction of merbromin with trypsin Spectrochim. Acta: A, 70, 1109.

3. Das P. K., Pramanik R. and Bagchi S. (2003) Absorption spectral band width of charge transfer transition of ET(30) dye in homogeneous and heterogeneous media Spectrochim. Acta: A, 59, 1681.
4. Laha A. K., Das P. K. and Bagchi S. (2002) Study of preferential solvation in mixed binary solvent as a function of solvent composition and temperature by UV – Vis spectroscopic method J. Phys. Chem A, 106, 3230.
5. Pramanik R., Das P. K., Banerjee D. and Bagchi S. (2001) Fluorescence of a ketocyanine dye in pure and mixed binary solvents at 77K Chem. Phys. Lett., 341, 507.
6. Ray N., Pramanik R., Das P. K. and Bagchi S. (2001) UV visible spectroscopic study of solvation of 2, 6- diphenyl-4(2, 4, 6-triphenyl-1-pyridino) phenolate in ternary solvent mixtures Chem. Phys. Lett., 341, 255.
7. Das P. K., Pramanik R., Banerjee D. and Bagchi S. (2000) Studies of Solvation of Ketocyanine dyes in Homogeneous and Heterogeneous media by UV/Vis Spectroscopic method Spectrochim. Acta: A, 56, 2763.
8. Pramanik R., Das P. K. and Bagchi S. 2000 Fluorescence anisotropy of ketocyanine dyes in homogeneous and heterogeneous media. Estimation of micellar microviscosity Phys Chem. Chem. Phys., 2, 4307.
9. Das P. K., Pramanik R. and Bagchi S. (2000) Band-width of charge transfer band of ion-pairs and dipolar molecules in neat and mixed binary solvents Indian J. Chem., 39A, 484.
10. Pramanik R., Das P. K. and Bagchi S. (1999) Solubility and solvation interaction in neat and mixed binary solvents Indian J. Chem., 38A, 906.
11. Pramanik R., Das P. K. and Bagchi S. (1999) Fluorescence anisotropy of ketocyanine dyes in pure and mixed binary solvents J. Photochem. Photobiol, A: Chem, 124, 135.
12. Das P. K., Pramanik R., Banerjee D. and Bagchi S. (1998) A study of excited-state dipole moments by monitoring the band width of the charge-transfer transition of ion pairs or dipolar molecules J. Chem. Soc. Faraday Trans., 94, 3573.
13. Laha A K, Das P. K., Banerjee D. and Bagchi S. (1996) UV-VIS spectroscopic study of preferential solvation in mixed binary solvents at various temperatures J. Chem. Soc. Faraday Trans., 92, 1499.
14. Banerjee D., Das P. K., Mondal S., Ghosh S. and Bagchi S. (1996) Interaction of ketocyanine dyes with cationic, anionic and neutral micelles J. Photochem. Photobiol, A: Chem, 98, 183.

» **Books and Chapters:**

N. A.

» **Seminars, Conferences, Webinars and workshops attended:**

- Seminars/ Conferences: 06
- Workshops: 02

- Symposium: 02

- Webinar: 03

» **Life Membership:**

N. A.

» **Awards/ Academic Achievements:**

N. A.

» **Professional Courses:**

- Orientation Programme/FIP/FDP: 01

- Refresher Course: 00

- Short Term Course: 00

» **Others/ Miscellaneous:**

N. A.