



BHAGINI NIVEDITA COLLEGE (UNIVERSITY OF DELHI)
Kair, Near Najafgarh, New Delhi - 110043
Faculty Details proforma for College Web-site

Title	Dr	First Name	Surashree	Last Name	Sarma	
Designation		Assistant Professor				
Address		H.No: 54, Type 4, Sector 3, Sadiq Nagar				
Phone No						
Office						
Residence						
		9868625328				
Email		surashreesarma@rediffmail.com				
Web-Page						
Educational Qualifications						
Degree		Institution			Year	
Ph. D.		Tezpur University			2006	
M.Sc.		Gauhati University			1999	
B.Sc.		Cotton College, Gauhati University			1997	
H.S.S.L.C		Cotton College			1994	
H.S.L.C.		T.C.H.S. & M.P. School			1992	
Career Profile						
Teaching Experience - Bhagini Nivedita College (Delhi University) August 2016 – till date as adhoc - Institute of Home Economics (Delhi University) from August-2016 as Guest - Bhagini Nivedita College (Delhi University) January 2016 - April 2016 as Guest - Bhagini Nivedita College (Delhi University) January 2014-December 2015 as adhoc - Echelon Institute of Technology, August 2013-January 2014 Faridabad - Skyline Institute of Engineering & Technology, August 2012-August 2013, Greater Noida, India - Bhabha Engineering Research Institute, September 2006 to July 2012, Bhopal, India - Bansal Institute of Science & Technology, Bhopal, India - At College: Worked as lecturer in Aryabhatta Junior Science College, Guwahati. India - At School: Worked as PGT Chemistry at Kendriya Vidyalaya, Khanapara, Guwahati. India						
Administrative Assignments						
Assistant warden of “Bordoichila Chatri Niwas” hostel of Tezpur University for 3years (2002 to 2005).						
Areas of Interest / Specialization						
Surfactant, dye, Microemulsion/ Physical Chemistry						
Subjects Taught						
Physical Chemistry Inorganic Chemistry						



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Time table of the subjects taught during the current semester				
S.No.	Subject	Days	Time	Classroom
1	Energy and Environment	Monday and Wednesday	1pm to 4pm 9am to 11am	Chemistry Lab
2	Crystalline solids: Properties and Methods of analysis	Tuesday	10 to 1pm	Chemistry Lab
3	Statistical thermodynamics	Tuesday	9 to 10am	Chemistry Lab
4	Quantum Chemistry and spectroscopy	Thursday Friday	1 to 5pm 9 to 11am	Chemistry Lab
Research Guidance				
Publications Profile				
Paper published in journals: 1. S. Sarma and R.K. Dutta, "Partition of bromophenol blue in toluene/water/sodium bis(2-ethylhexyl)sulfosuccinate – water in oil microemulsions", <i>Surfact. Deterg.</i>, 8 (2005) 277. 2. S. Sarma, M. Bora and R.K. Dutta, "Effects of alcohol on partition equilibrium of phenol red in micellar solutions and o/w microemulsions of anionic surfactants", <i>Colloids Surf. A</i>, 256 (2005) 105. 3. S. Sarma and R.K. Dutta, "Effect of buffers on partition equilibrium of phenol red in benzene/water/SDS-butanol oil/water microemulsions", <i>J. Chem. Res.</i>, (2004)620. 4. S. Sarma, B. Gohain and R.K. Dutta, "A partition equilibrium study of benzene/water/SDS-butanol oil/water microemulsions", <i>J. Chem. Res.</i>, (2003) 408. 5. P.M. Saikia, A. Kalita, B. Gohain, S. Sarma and R.K. Dutta, "A partition equilibrium study of sulphonephthalein dyes in anionic surfactant systems: determination of cmc in buffered medium", <i>Colloids Surf. A</i>, 216 (2003)21. 6. B. Das, J. Talukdar, S. Sarma, B. Gohain, H.B. Das, A.C. Das, R.K. Dutta, "Fluoride and some other inorganic constituents in groundwater of Guwahati city, Assam, India", <i>Curr. Sci.</i>, 85 (2003) 657. 7. B. Gohain, P.M. Saikia, S. Sarma, S.N. Bhat and R.K. Dutta, "Hydrophobicity-induced deprotonation of dye in dye-submicellar surfactant systems", <i>Phys. Chem. Chem. Phys.</i>, 4(2002) 2617. 8. S. Sarma and R.K. Dutta, "A visible spectroscopic study of microemulsion O/W of anionic surfactants				



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: Effects of Cosurfactant" <i>J. Dispersion. Sci. Tech.</i> 27(2006)6. 9. S. Sarma and R.K. Dutta, "Electronic spectral behavior of bromophenol blue in oil in water microemulsions stabilized by sodium dodecyl sulfate and n-butanol", <i>Spectrochemica Acta</i> 64 (2006) 623. 10. B. Gohain, S. Sarma, and R.K. Dutta, "Protonated dye-surfactant ion pair formation between neutral red and anionic surfactants in aqueous submicellar solutions", <i>J. Mol. Liquids</i>, 142 (2008) 130.
Publications in the Last one year
Conference Organization/ Presentations (in the last three years)
Presented a paper in National Conference on sister Nivedita's Legacy and Viksit Bharat 2047 held on 6 th November 2025
Research Projects (Major Grants/Research Collaboration)
Awards and Distinctions
Association With Professional Bodies
Other Activities
Worked as a member in following committee's and cell 1. Admission Committee 2. Student's Advisory Committee 3. Student's Welfare Committee 4. Discipline Committee 5. Health and Hygiene Committee 6. Library Committee 7. Building Maintenance committee 8. Magazine Committee 9. Cultural Committee 10. Canteen Committee 11. Photography Club 12. Yuva Tourism Club

Signature of Faculty Member



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