


Name	Dr. Gagandeep Singh				
Email	gdeepchem@yahoo.co.in				
Contact Number	9888014245				
Designation	Assistant professor				
Subject	Chemistry				
Qualification	PhD				
Experience	19 years				
Research guidance					
Ph.D. Guided			Under Guidance		
01				Nil	
Area of Research/Interest	Physicochemical Properties of Biopolymers & Their Model Compounds Spectroscopic Studies on Solutions Biopolymers Thermodynamics				
Projects /Patents/Research grant	Major research project entitled, “ Hydration and Protonation Behavior of Amino Acids Under Physiological Conditions ” worth rupees 9.45 Lakhs sanctioned by UGC.				
Number of Publications					
Books/Articles	International journals	National journals	International Conferences	National conferences	
	14	7	4	24	
Latest Publications(books,Articles, Expert Talk etc.)					
1)P. Patyar, K. Kaur and Gagandeep Singh Viscometric and spectroscopic studies on interactions of glycine with aqueous buffer solutions, Journal of Molecular Liquids, 307 (2020) 112921					
2)P. Patyar, K. Kaur and Gagandeep Singh Interactions of glycine with aqueous solutions of sodium phosphate buffer at T = (288.15, 293.15, 298.15, 303.15, 308.15, 310.15, 313.15, 318.15, 323.15 and 328.15) K: Volumetric and UV absorption studies, Journal of Molecular Liquids 251(2018)70-76.					
3)Gagandeep Singh, P. Patyar, T. Kaur and G. Kaur, ‘ Volumetric behavior of glycine in aqueous succinic acid and sodium succinate buffer at different temperatures’ Journal of Molecular Liquids 222(2016) 804-817.					
4)P. Patyar, Gagandeep Singh and K. Kaur, ‘ Effect of potassium phosphate buffer on volumetric behavior of glycine in aqueous solutions at different temperatures’ Journal of Molecular Liquids 213 (2016) 191-200.					
5). S. Banipal, H. Singh, P. K. Banipal and Gagandeep Singh, Interactions Between Sulpha Drugs and Magnesium Chloride in Aqueous Solutions at T= (288.15K to 318.15K) K: Volumetric and Viscometric Approach, J. Chem. Eng. Data, 58, 2013, 2429-2439.					
Recognition awards (any 5)					
1) <i>Best poster presentation</i> award at 6 th National Conference on Thermodynamics of Chemical and Biological Systems held at MDU, Rohtak					
2)					
3)					
4)					
5)					