




**ZAKIR HUSAIN DELHI COLLEGE**  
**(University of Delhi)**

**Faculty Details**

(Please Fill the form and Email it to [website@zh.du.ac.in](mailto:website@zh.du.ac.in))

<b>Title</b>	<b>First Name</b>	<b>Last Name</b>	<b>Photograph</b> 
Dr.	SAMTA	GOYAL	
<b>Designation</b>	<b>Professor</b>		
<b>Address</b>	Chemistry Department, Zakir Husain Delhi College, J L Nehru Marg, New Delhi 110002		
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<b>Email Id</b>	samtagoyal@zh.du.ac.in		
<b>Web Page</b>			
<b>Educational Qualification</b>			
<b>Degree</b>	<b>Institution</b>	<b>Year</b>	
Ph.D.	Delhi University	1991	
M.Phil.	Delhi University	1987	
M.Sc.	Delhi University	1985	
B.Sc.	Delhi University	1983	
<b>Career Profile</b>			
<b>Year</b>	<b>Institution</b>	<b>Courses Taught</b>	
2018-2023	Zakir Husain Delhi College	B.Sc. Prog and Hons, under CBCS and CBCS-LOCF Syllabii, Delhi University.	
<b>Administrative Assignments</b>			

2022-2023-Teacher in charge; Chemistry Department
<b>Areas of Interest / Specialization</b>
<b>Organic Chemistry</b>
<b>Subjects Taught</b>
BSc Prog. V Sem SEC- Pharmaceutical Chemistry; BSc Prog. III Sem-Solutions, Phase Equilibria...and Functional group Organic Chemistry-II; B.Sc. Prog. I Sem-Basic concepts of Organic Chemistry  BSc (Hons) II Sem-Organic Chemistry-I B.Sc. (Hons) III Sem-Carbonyls, Carboxylic Acids, Amines, Nitro Compounds, Nitriles, Isonitriles and Diazonium salts; B.Sc.(Hons): IV Sem-Organic Chemistry –III, Heterocyclic Chemistry.
<b>Research Guidance</b>
NIL
<b>Publications Profile</b>
1.Synthesis and Spectral Characterization of Mn(II) and Co(II) complexes with tetradentate macrocyclic ligand; Asian Journal of Chemistry; 2021;2207-2211  2.Biologically active Schiff base nanoparticles-A review; European Journal of Biomedical and Pharmaceutical Sciences; 2021;244-252  3.Synthesis and Characterization of [n4] Macrocyclic ligand[I] and its Ni(ii) and Cu(ii) Complexes; European Journal of Biomedical and Pharmaceutical Sciences; 2021;453-458
<b>Conference Organization/ Presentations (in the last five years)</b>

<p>1. International Conference on Advances in Chemical Sciences and Nanocomposites (1-2 April 22)</p> <p>2. One Week In-House Workshop on Laboratory Skills and Training (6-13 Dec 21)</p> <p>3. Workshop-cum-Webinar “Visual note-taking (8 Oct 20)</p> <p>4. Chemistry Career Symposium- ”Making Sense of Avenues in Chemistry”(26 Sept 18)</p> <p>5. Innovations in Chemistry Laboratory Teaching (8-9 Feb 17)</p>
<p><b>Research Projects (Major Grants/Research Collaboration)</b></p>
<p><b>Awards and Distinctions</b></p>
<p>Patent granted dated 4<sup>th</sup> Dec 2021: Solar Water Distiller</p>
<p><b>Association With Professional Bodies</b></p>
<p><b>Other Activities</b></p>
<p>Convener: Sports Advisory committee(2022-2023)</p> <p>Presiding Officer: Internal Complaints Committee(20221-2023)</p> <p>Member: Staff Requirement Committee(2022-2023)</p> <p>Convener: Gender Sensitization Committee(2021-2023)</p> <p>Convener: Physical science Society (2019-2020)</p> <p>Member: Maintenance committee(2018-2019)</p>