




**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))

Title	First Name	Last Name	Photograph
Dr.	SANJEEV KUMAR	MISHRA	
Designation	Associate Professor		
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	Residence		
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<b>Educational Qualification</b>	Ph.D.		
<b>Degree</b>	<b>Institution</b>	<b>Year</b>	
Ph.D.	Department of Chemistry, University of Delhi	2009	
M. Phil	Department of Chemistry, University of Delhi	2001	
M.Sc.	Department of Chemistry, University of Delhi	2000	
B.Sc. (H) Chemistry	Dayal Singh College, University of Delhi.	1998	
Qualified Lectureship Examination held by CSIR-UGC and awarded JRF from UGC in 2001			
<b>Career Profile</b>			
<ul style="list-style-type: none"><li>• Taught as an Asst. Professor (Adhoc) in Shri Venketeshwara College, University of Delhi from August 2005 to September 2006</li><li>• Taught as Asst. Professor (Adhoc) in Hans Raj College, University of Delhi from September 2006 to July 2011.</li><li>• Taught as guest Lecturer for chemistry in M.Sc. Earth Science course in Department of Geology, University of Delhi in the session 2010-2011.</li><li>• Taught as Asst. Professor (Adhoc) in Deen Dayal Upadhyaya College, University of Delhi from July 2011 to August 2014.</li><li>• Taught as Asst. Professor (Adhoc) in Swami Shradhanand College, University of Delhi from august 2014 till July 2015.</li></ul>			

<ul style="list-style-type: none"> <li>• Taught as Asst. Professor and presently Associate professor in Zakir Husain Delhi College since July 2015.</li> </ul>
<b>Administrative Assignments</b>
Worked in Time Table Committee, Sports Advisory Board Member, Member and Convenor: Physical Science Society, Gender Sensitizing Committee, Superintendent (practical Examination in the Department of Chemistry), Canteen Committee, Proctorial Board
<b>Areas of Interest / Specialization</b>
Specialization: Physical Chemistry  Area of research: Computational Chemistry
<b>Subjects Taught</b>
Chemical Thermodynamics, Electrochemistry, Chemical Kinetics, Conductance, Quantum chemistry, States of Matter, Computational chemistry and Molecular spectroscopy.
<b>Research Guidance</b>
<b>Publications Profile</b>
<ol style="list-style-type: none"> <li>1. "Density Functional study of 1,3-Hydrogen shifts in 2,4-pyronone", <i>Indian Journal of Chemistry</i>, 2006, 45A, 867-890</li> <li>2. Theoretical Investigation of Structure, Dynamics and Entropy Correlation in Liquid Fe–Al Alloys, <i>Metallurgical and Materials Transactions B</i>, 2022, No. 1, p. 331-341</li> <li>3. A comparative theoretical investigation of magnesium insertion into the C-X bond in Vinyl halides (X = F, Cl, and Br), <i>Rasāyan J. Chem.</i>, Vol. 18, No.1, 2025</li> <li>4. Book chapter "Transparent Ceramics: The Material of Next Generation" in the book <i>Metal Oxides for Next-Generation Optoelectronic, Photonic, and Photovoltaic Applications</i>, (ISBN 978-0-323-99143-8, Publisher: Elsevier)</li> </ol>
<b>Conference Organization/ Presentations (in the last five years)</b>
<ol style="list-style-type: none"> <li>1. Organizing Member International Online Workshop-cum-Webinar entitled "VISUAL NOTE-TAKING", at Zakir Husain Delhi College in collaboration with IQAC on 8/10/2020</li> <li>2. Organizing Committee Member in Two Days International e-Conference on "Recent Advancements in Chemical Sciences: Health, Environment and Society (ICRACS - 2022), organized by Deshbandhu College, University of Delhi 8-9 April 2022</li> <li>3. Presented a paper on "Transparent Ceramics" at Indian Analytical Congress (IAC-2024) held on 5-7 June 2024 at CSIR-IIP, Dehradun.</li> </ol>

<b>Research Projects (Major Grants/Research Collaboration)</b>
<b>Awards and Distinctions</b>
<b>Association With Professional Bodies</b>
<b>Other Activities</b>