


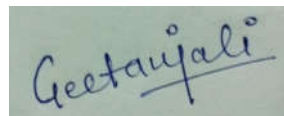


**DEPARTMENT OF PHYSICS**  
**DYAL SINGH COLLEGE, UNIVERSITY OF DELHI**  
**FACULTY DETAIL**



Title	Dr.	First Name	Geetanjali	Last Name		Photograph
Designation	Assistant Professor					
Address	Department of Physics, Dyal Singh College, University of Delhi Lodhi Road, New Delhi-110003					
Phone No    Office	011-24367819, 011-24365948					
Residence	0120-4324463					
Mobile						
Email	geetanjali.physics@dsc.du.ac.in					
Web-Page						
Educational Qualifications						
Degree	Institution					Year
Post-doc	National Physical Laboratory (NPL) New Delhi					-
PhD	Indian Institute of Science (IISc) Bangalore					2014
MSc	IIT Roorkee					2005
BSc	Meerut College Meerut					2003
Career Profile						
<ul style="list-style-type: none"><li>Assistant Professor at Dyal Singh College New Delhi (July 2023 to till date)</li><li>DST Women Scientist at National Physical Laboratory New Delhi (April 2023 to June 2023 )</li><li>Research Associate (CSIR) at National Physical Laboratory New Delhi (July 2017 to July 2020)</li><li>Assistant Professor (on adhoc) at Gargi College, University of Delhi (January 2017 to July 2017)</li><li>Research Associate (DST-Nanomission) at National Physical Laboratory New Delhi (Jan 2014 to Jan 2016)</li></ul>						
Administrative Assignments (From 1 <sup>st</sup> July 2018 onwards)						
Member of NIRF committee, Dyal Singh College, University of Delhi						
Areas of Interest / Specialization						
Thin Films and their heterostrucures, Magnetism, EPR						
Subjects Taught						
<ul style="list-style-type: none"><li>Elements of Modern Physics</li><li>Solid State Physics</li><li>Electricity &amp; Magnetism</li></ul>						
Research Guidance						
NA						
Publications Profile						
<ul style="list-style-type: none"><li>Charge Order Suppression, Emergence of Ferromagnetism and Absence of Exchange Bias Effect in Bi<sub>0.25</sub>Ca<sub>0.75</sub>MnO<sub>3</sub> Nanoparticles: Electron Paramagnetic Resonance and Magnetization Studies, <b>Geetanjali Singh</b> and S V Bhat, <i>Journal of Applied Physics</i> 111, 123913 (2012).</li><li>Effect of Size Reduction on the Magnetic Ordering in Bi<sub>0.2</sub>Sr<sub>0.8</sub>MnO<sub>3</sub>, <b>Geetanjali Singh</b> and S V Bhat, <i>Journal of Applied Physics</i> 115, 17E130, (2014).</li><li>Temperature Dependent Magnetic and EPR Studies of Bulk and Nanoparticles of Bi<sub>0.1</sub>Ca<sub>0.9</sub>MnO<sub>3</sub>,</li></ul>						

<p><b><u>Geetanjali Singh</u></b> and S V Bhat, <i>Applied Magnetic Resonance</i> 46, 921, (2015)</p> <ul style="list-style-type: none"> <li>Investigation on two magnon scattering process in pulsed laser deposited epitaxial Nickel Zinc Ferrite thin film, Debangsu Roy, Sakshath S, <b><u>Geetanjali Singh</u></b>, Rajeev Joshi, S V Bhat and P S Anil Kumar, <i>Journal of Physics D: Applied Physics</i> 48, 125004, (2015).</li> <li>Effect of Oxygen Pressure on Structural and Magnetic Properties of Nd<sub>2</sub>NiMnO<sub>6</sub> Thin Films Grown on Different Substrates, <b><u>Geetanjali Singh</u></b>, Pooja Singh, R J Choudhary and AnjanaDogra, <i>Journal of Alloys and Compounds</i> 739, 586 (2018).</li> </ul>
<b>Conference Organization/ Presentations</b>
<ul style="list-style-type: none"> <li>Poster Presentation in International Conference of Magnetism (ICM) – 2015, Barcelona, Spain.</li> <li>Poster Presentation in 58<sup>th</sup> Annual Conference on MMM (2013), Denver, Colorado, USA.</li> <li><i>InvitedTalk</i> in Asia-Pacific EPR/ESR Symposium (APES) - 2012, Beijing, China.</li> <li>Poster Presentation in 2012 MRS Fall Meeting, Boston, MA, USA.</li> <li>Oral Presentation in Asia-Pacific EPR/ESR Symposium (APES) - 2010, Jeju, Republic of Korea.</li> </ul>
<b>Research Projects (Major Grants/Research Collaboration) (From 1<sup>st</sup> July 2018 onwards)</b>
<ul style="list-style-type: none"> <li><b>Principal Investigator (PI)</b> of the research project entitled “Studies of different magnetic phases in double perovskite films and their heterostructures using various techniques” sponsored by Council of Scientific and Industrial Research (CSIR) New Delhi.</li> <li><b>Principal Investigator (PI)</b> of the research project entitled “Investigation on Two-Magnon Scattering in Ferromagnetic Thin Films and Interface Magnetism in Their Heterostructures: A Step Forward to Spintronics Devices” sponsored by Department of Science and Technology (DST) New Delhi.</li> </ul>
<b>Awards and Distinctions (From 1<sup>st</sup> July 2018 onwards)</b>
<ul style="list-style-type: none"> <li>Women Scientists Scheme –A (WOS-A) of Department of Science and Technology (DST), New Delhi, India.</li> <li>Research Associate (RA) Fellowship of Council of Scientific and Industrial Research (CSIR), New Delhi, India.</li> <li>Research Associate (RA) Fellowship and of Department of Science and Technology – Nano Mission (DST-Nano Mission, India).</li> </ul>
<b>Association With Professional Bodies</b>
NA
<b>Other Activities like MOOCs/ Patents etc. (From 1<sup>st</sup> July 2018 onwards)</b>
NA



Signature of Faculty Member