


Name	DR. POONAM SILOTIA			
Designation	PROFESSOR			
Department	DEPARTMENT OF PHYSICS & ASTROPHYSICS			
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Education	Ph.D.			
Subject	Institution	Year	Details	
CONDENSED MATTER PHYSICS (THEORETICAL)	UNIVERSITY OF DELHI	1992	Thesis topic: ATOMIC AUTO-CORRELATION FUNCTIONS IN HIGHLY ANISOTROPIC CRYSTALS AND SIMPLE PROTEINS	
Career Profile				
Organisation / Institution	Designation	Duration	Role	
C.R.R.I.T Kanjhawala	Lecturer	1.08.85-1.07.90	Taught Diploma classes of Civil Engg. and Electronics Engg.	
Deen Dayal Upadhyaya College	Lecturer	16.10.92-1.11.92 8.01.93-30.04.93	Research and Teaching (B.Sc. classes)	
Department of Physics & Astrophysics, University of Delhi	Research Associate	1.05.93-14.09.93	Research work	
Department of Physics & Astrophysics, University of Delhi	Lecturer	16.09.93-1.11.97	Research and Teaching	
Department of Physics & Astrophysics, University of Delhi	Lecturer Senior Scale	2.11.97-2.11.01	Research and Teaching	
Department of Physics & Astrophysics, University of Delhi	Reader /Associate Professor	3.11.01-31.12.10	Research and Teaching	
Department of Physics & Astrophysics, University of Delhi	Professor	01.01.11-till date	Research and Teaching	
Research Interests / Specialization				
<p style="text-align: center;"><b>CONDENSED MATTER PHYSICS (THEORETICAL)</b></p> <p><b>Atomic auto-correlation functions, Bose-Einstein Condensation, Fullerenes, Collective dynamics of fluids, Optical transitions in semiconductor hetero-structures, Manipulation of molecules in inhomogeneous fields.</b></p>				

<b>Teaching Experience ( Subjects/Courses Taught)</b>
Twenty four years of post-graduate teaching of both 'core' and 'special' papers. Practical classes of M.Sc. Previous (Solid State Physics Lab.)
<b>Honors &amp; Awards</b>
<ol style="list-style-type: none"> <li>1. Awarded 'Research Associateship' of UGC 1993</li> <li>2. Awarded 'Research Associateship' of Department of Physics &amp; Astrophysics, University of Delhi, Delhi.</li> </ol>
<b>Publications</b>
Please see the attached list of publications
<p><b>Member of:</b></p> <ol style="list-style-type: none"> <li>1. <b>Indian Association of Physics Teachers (IAPT)</b></li> <li>2. <b>Indian Women's Science Association (IWSA)</b></li> </ol>
<b>Other Details</b>
<ol style="list-style-type: none"> <li>1. Guided and supervised students for the award of Ph.D. degree: Awarded: 06</li> <li>2. Was associated with the election of office bearers of Departmental Physical Society.</li> <li>3. Took Educational tours outside Delhi twice and once to NSC, Delhi</li> <li>4. Was involved in the training program of Laboratory staff.</li> <li>5. Warden of Rajiv Gandhi Hostel for Girls, Dhaka Hostel Complex from 30<sup>th</sup> April 2012- 31<sup>st</sup> Jan. 2018.</li> <li>6. Provost of Rajiv Gandhi Hostel for Girls, Dhaka Hostel Complex from 1<sup>st</sup> Feb. 2018.</li> </ol>