

**DEPARTMENT OF PHYSICS & ASTROPHYSICS**  
**UNIVERSITY OF DELHI**

**The following faculty members have indicated their willingness to register Ph.D. students:**

<b>Sr. No.</b>	<b>Name of Faculty</b>	<b>Broad Research Area</b>	<b>Room No.</b>
1)	Amarjeet Kaur	Material Science – Conducting polymers	MS #179
2)	Aranya Bhuti Bhattacharjee	Quantum Optics, Quantum Optomechanics, Ultracold Atoms, Low dimensional systems	ARSD College
3)	Ashok Kumar	Experimental High Energy Physics	MS #189
4)	Avnindra Kumar Singh	Various Atomic Physics Problems relating to the study of Atomic Processes for multi-charged ions and its applications for plasma diagnostics	DDU
5)	B.C. Choudhary	EHEP - Collider Physics or Neutrino Physics	MS #159
6)	Binay Kumar	Expt. Material Sc./Nano material	MB #27
7)	D.N. Gupta	Plasma Physics	M.Tech.
8)	Debajyoti Choudhury	High Energy Physics      Quantum Field Theories      Gravitation and Cosmology	MS #170 MS #135
9)	Debarata Mishra	Spin dependent molecular Electronics	NB # 98
10)	G.S. Chilana	Material Science	Ramjas College
11)	Jyoti Rajput	Molecular Physics (Experimental)	NB #96
12)	K. Sreenivas	Expt. Condensed Matter	MS #147
13)	Nivedita Deo	Quantum Matter : Graphene and Topological Insulators. Biophysics: RNA and Protein Structure. Econophysics: Correlations in Big data (Financial and Protein data)	MB #148
14)	P. Senthil Kumar	Experimental condensed matter physics	MS #125
15)	P.K. Jha	Low dimensional system	DDU College
16)	Poonam Silotia	Theoretical condensed matter physics (study of	MS #175

		Quantum Heterostructures)	
17)	S. Annapoorni	Investigation of exchange hardening in magnetic thin films using Magneto Optic Kerr Effect (MOKE)	NB #103
18)	S. Murugavel	Expt. Condensed Matter	MS #133
19)	S. Somorendro Singh	High Energy Physics (phenonoinology)	MS #132
20)	S.A Hashmi	Expt. Condensed Matter Physics	MB # 18
21)	Samit Kr. Mandal	Nuclear Physics	MS #160
22)	Shashi Verma	Experimental nuclear reactions	MS #144
23)	Shyama Rath	Expt. Condensed Matter Physics	MB P-24
24)	Sukanto Dutta	High Energy Physics and Astroparticle Physics	SGTB College
25)	Sumaloy Roy	Surface physics and nanoscience	MS #131
26)	Suresh Kumar	Nuclear Physics	NB #94
27)	Vandana Luthra	Material Sciences/ Nanotechnology, Functional Materials (Semi Conducting Oxides/ Ferroelectrics etc.)	Gargi College
28)	Vinay Gupta	Experimental Material Science and Electronics Devices	MB-Ext. #73
29)	Vinod Prasad	Response of confined molecules to external fields	SSN College
30)	Vivek Kr. Verma	Expt. Condensed Matter Physics	Hindu College

*MB: Main Block of Department of Physics and Astrophysics*

*MS: Multistoried Building*

*NB: New Block*