




Title	Dr	First Name	Priti	Last Name	Goyal	
Designation		Associate Professor				
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Educational Qualifications						
Degree		Institution			Year	
BSc(H) Physics		Miranda House			1992	
Msc Physics		Miranda House			1994	
PhD Physics		Dept. of Physics & Astrophysics, University of Delhi			2003	
Career Profile						
ANDC (2005- present) Maitreyi College (2003-2005) Gargi College (2001-2002) Kalindi College (1996-2000)						
Administrative Assignments						
1.(a) Curriculum development : Member of Committee formed by Deptt of Physics (DU) to give recommendations for revising the syllabus of B.Sc (Prog.) foundation course(2009-2010). (b) Cultural/ extra curricular activity: Member of Environment society of the college (2007-2010 & 2012-2014) (C) Administrative assignment : 2. Member of college Spic Macay committee (2012-2014) 3. Teacher in charge and Member of workload and time –table committee (2008 -2010). 4. Member of Examination Committee (2010- 2012). 5. Member of Fellowship programs and awards committee (2010). 6. Teacher in charge of Physical Science with Electronics (2014-16). 7. Convener Awards and Fellowship committee (2015-16) 8. Member of sports committee (2018-2020).						

Areas of Interest / Specialization
Plasma processing of thin films
Subjects Taught
Mathematical Physics Waves and Optics Electronics
Research Guidance
Publications Profile
<p>i) Magnetite phase due to argon ion irradiation of Dense Plasma Focus on hematite thin film. Priti Agarwala, S. Annapoorni, M.P. Srivastava, R.S. Rawat and Pratima, Physics Letters A, 231, 434-438, (1997)</p> <p>ii) Characteristics of electrons in the beam generated in Dense Plasma Focus device. Priti Agarwala, M.P. Srivastava and R.S. Rawat, Europhysics 22C, 2872-2876, (1998)</p> <p>iii) Enhancement in T_c of mixed phase of superconducting BPSCCO thick films due to irradiation of energetic argon ions of Dense Plasma Focus. Priti Agarwala, M.P. Srivastava, P.N. Dheer, V.P.N. Padmanaban and A.K. Gupta, Physica C, 313, 87-92, (1999)</p> <p>iv) Time correlation of x-ray and voltage signals in a Dense Plasma Focus Device. Priti Agarwala, Rachna Garg and M.P. Srivastava, Proceedings XXV International Conference on phenomena in ionized gases, Japan, 4, 325-326, (2001).</p>
Conference/ Presentations/Workshops
<ol style="list-style-type: none"> Participated in Mini Symposium on "Recent trends in Plasma Physics" Dec. 19-20, 1994 at University of Rajasthan, Jaipur. Energetic ions induced phase change in iron oxide thin film using Dense Plasma Focus. Priti Agarwala, S. Annapoorni, M.P. Srivastava, R.S. Rawat and Pratima, accepted for 3rd Asia – Pacific Conference on Plasma Science and Technology, July 15-17, University of Tokyo, Japan, (1996). Enhancement in T_c of superconducting BPSCCO film due to irradiation of energetic argon ions of Dense Plasma Focus. Priti Agarwala, M.P. Srivastava, P.N. Dheer, V.P.N. Padmanaban and A.K. Gupta, Fifteenth National Symposium on Cryogenics, NPL, New Delhi, 12-14 Sep, Abst. No. 4.43, p 85, (1996). Participated in the conference/workshop on "Magnetic measurements & calibrations" Nov. 19-20, 1998 at National Physical Laboratory.

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