




Shivaji College Faculty Details Proforma

Title		First Name		Last Name		Photograph
	Dr.		Babita		Gupta	
Designation	Associate Professor, Department of Mathematics					
Address	Shivaji Collage, Raja Garden, New Delhi					
Office Phone No.	25116644					
Residence						
Mobile						
Email						
Web-Page						
Educational Qualifications	M Sc, M Phil, Ph D					
Degree	University/Institute				Year	
Ph.D.	University of Delhi				2004	
M.Phil./M.Tech.	University of Delhi				1998	
PG	University of Delhi				1996	
UG	University of Delhi				1994	
Any Other Qualification						
Career Profile						

Administrative Assignments
Areas of Interest/Specialisation
Functional Analysis
Subjects Taught
Numerical Analysis & Programming Statistics Calculus Real Analysis Metric Spaces
Innovation Project/Research Projects (Major Grants/Research Collaboration)
Publications Profile (Research Papers/Books)
<ol style="list-style-type: none">1. P. Jain and B. Gupta, Mapping properties of Hardy type operators involving general functions, <i>Math Ineq. Appl.</i>, Vol 11, number 2, (2017), 551-564.2. D. Jain and B. Gupta, Two step Newton and Steffensen type methods for solving non- linear equations, <i>Tbilisi math. J.</i> (5) (2012), 17-29.3. A. Fiorenza, B. Gupta and P. Jain, Mixed norm type Hardy inequalities, <i>Canad. Math. Bull.</i> Vol. 54 (4) (2011), 630-644.4. A. Fiorenza, B. Gupta and P. Jain, The maximal theorem for weighted Grand Lebesgue spaces with mixed norm, <i>Studia. Math.</i> 188 (2) (2008), 123-133.5. A. Fiorenza, B. Gupta and P. Jain, Compactness of integral operators in Lebesgue spaces with mixed norm, <i>Math. Ineq. Appl.</i> Vol. 11 (2) (2008), 335-348.6. P. Jain, B. Gupta and D. Verma, Mean inequalities in certain Banach function spaces, <i>J. Math. Anal. Appl.</i> 334 (2007), 358-367.7. P. Jain, P. K. Jain and B. Gupta, On a conjecture of Kufner and Persson, <i>Rocky Mountain J. Math.</i> Vol. 37 (6) (2007).8. P. Jain, P. K. Jain and B. Gupta, Higher dimensional compactness of Hardy operators involving Oinarov type kernels, <i>Math. Ineq. Appl.</i> Vol 9 (4) (2006), 739-7489. P. Jain, P. K. Jain and B. Gupta, On certain weighted integral inequalities with mixed norm, <i>Italian J. Pure appl. Math.</i> Vol. 18 (2005), 23-32.

10. P. Jain, P.K. Jain and B. Gupta, Compactness of Hardy type operators over star shaped regions in RN, Canad. Math. Bull. Vol 47 (4) (2004), 540-552.
11. P. Jain, P. K. Jain and B. Gupta, Compactness of Hardy-Steklov operator, J. Math. Anal. Appl. 288 (2003), 680-691.
12. B. Gupta, P. Jain, L. E. Persson and A. Wedestig, Weighted geometric mean inequalities over cones in RN, J. Ineq. Pure Appl. Math. 4 (2), 68 (2003).
13. P. Jain, P. K. Jain and B. Gupta, On certain double sized integral operators over multi dimensional cones, Proc. A. Razmadze Math. Inst. Vol. 131 (2003), 39-60.

Conference/Seminar/Faculty Development Programme/Workshop

Research Guidance (*Supervision of Doctoral Thesis/Dissertations*)

Awards and Distinctions

Memberships

Other Academic Activities

Cultural/Extracurricular Activities

Signature of Faculty Member