




KIRORI MAL COLLEGE, UNIVERSITY OF DELHI



Title	Dr.	First Name	PREETI	Last Name	GARG	Photograph
Designation	Associate Professor					
Address	Kirori Mal College University of Delhi Delhi					
Phone No	Office	011-27667861				
	Residence					
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Email	preetigarg152@kmc.du.ac.in					
Web-Page						
Educational Qualifications						
Degree	Institution				Year	
B.Sc.(H) Mathematics	Kirori Mal College, University of Delhi				1985	
M.Sc. Mathematics	Kirori Mal College, University of Delhi				1987	
M.Phil. Mathematics	University of Delhi, Delhi				1989	
Ph.D.	Banasthali Vidyapeeth, Rajasthan				2018	
Career Profile						
<ol style="list-style-type: none">1. Lecturer, Department of Mathematics, Rajdhani College, University of Delhi (01.11.1988 to 31.03.1989)2. Lecturer, Department of Mathematics, Lady Shri Ram College for Women, University of Delhi (08.08.1989 to 15.07.1990)3. Lecturer, Department of Mathematics, Mata Sundri College, University of Delhi (13.09.1990 to 11.01.1991)4. Teaching in Department of Mathematics, Kirori Mal College w.e.f 29.8.1991. Currently working as Associate Professor, Department of Mathematics, Kirori Mal College, University of Delhi						
Administrative Assignments						
<ul style="list-style-type: none">• Teacher-in-Charge: 2007-08, 2017-18• Superintendent Practical Examination: B.Sc. Mathematics• Admissions B.Sc. (Hons.) Mathematics and B.Sc. (Prog.) Physical Sciences• Member: Library Committee, Time-Table Committee, Garden Committee, Portal Committee, Canteen Committee, Alumni Committee, Placement Cell, Eco Club, Students'/Teachers' Computer Facility Committee, Committee for Generic Elective, Coordinating Committee for IT, B.Sc. (Prog.) Committee• Current (2021-22): Admissions: B.Sc. (Prog.) Physical Sciences Convener: Audio-Video Facilities and Equipment Maintenance Committee Member: Committee for Generic Electives (GE), Garden Committee, Coordinating Committee for IT						
Areas of Interest / Specialization						
<ul style="list-style-type: none">• Algebra• Differential Equations• Fluid Dynamics						

Subjects Taught
Algebra, Analysis, Differential Equations, Group Theory, Ring Theory, Linear Algebra, Calculus, Mechanics, Co-ordinate Geometry
Research Guidance
Nil
Publications Profile
<p>a. Research Paper</p> <ol style="list-style-type: none"> 1.Purohit, G.N., Garg, P. "Free Convective Flow past a porous infinite plate", Bulletin of Pure and Applied Sciences, 17E (2), 1998, 295-303 2.Garg, P., Purohit, G.N., Chaudhary, R.C., "A similarity solution for laminar thermal boundary layer over a flat plate with internal heat generation and a convective surface boundary condition", Journal of Rajasthan Academy of Physical Sciences, 14(2) (2015) 221-226 3.Chaudhary, R.C., Purohit, G.N., Garg, P., "Similarity solutions for laminar boundary layer flow of Darcian fluid over horizontal plate with a convective boundary condition", Applied Mathematics, 7 (2016) 313-319 4.Preeti Garg, G. N Purohit, R.C. Chaudhary, "Similarity solution for combined free-forced convection past a vertical porous plate in a porous medium with a convective surface boundary condition", International Journal of Applied and Engineering, Vol 21 (4), 2016, 827-836 5.Preeti Garg, G. N Purohit, R.C. Chaudhary, "Free convective unsteady MHD flow in Slip-Flow regime past a vertical plate with a convective surface boundary condition", Journal of Informatics and Mathematical Sciences, Vol 10 (1 and 2), 2018,261-270
Conference / Workshops/Training Organized
Creation of ICT Mediated Teaching Learning Pedagogy and Content
Conference/Workshops/Training attended as Faculty Member
<ol style="list-style-type: none"> 1. A three-week professional development program entitled "Numerical Analysis and Computer Programming (Code MATH-6)" conducted by CPDHE, University of Delhi, April 23-May13, 1993 2. Refresher course in Mathematics (MATH-14) entitled "Analysis" conducted by CPDHE, University of Delhi, May13-June 2, 1998 3. National Meet on "History of Mathematical Sciences" organized by Department of Mathematics, University of Delhi, January 7-9, 2010 4. Training course on "Introduction to Mathematica", August 29- Sep. 2,2011 conducted by Computer Centre, University of Delhi 5. The International Conference "The Legacy of Srinivasa Ramanujan" organized by University of Delhi, Dec. 17-22, 2012 6. Workshop on foundation course, conducted by CPDHE, July 15-17, 2013 7. Presented paper entitled "Free convective unsteady MHD flow in slip flow regime past a vertical plate with a convective surface boundary condition" at "National Conference on Fluid Mechanics" organized by Department of Mathematics, SSN College of Engineering, Kalavakkam, Oct. 27-28th, 2017 8. Presented paper entitled "Similarity solution for free convective boundary layer flow across vertical plate with a convective boundary condition" at "International Conference on current trends in Theoretical and Computational Differential Equations with Applications" organized by Department of Mathematics, South

<p>Asian University, New Delhi, Dec. 01-05, 2017</p> <ol style="list-style-type: none"> 9. Presented paper entitled “Free convection over vertical and horizontal surfaces with convective boundary condition and internal heat generation in Darcy regime”, at “International workshop on Wavelets, Frames and Applications-3”, organized by Department of Mathematics, Kirori Mal College, University of Delhi, Dec. 14-20, 2017 10. Online workshop on “Smart Skills for Online Teaching” organized by Smart Sikshaa on May 17, 2020 and achieved BASIC LEVEL CERTIFICATION 11. Faculty Development Programme on ICT: Instructional Design, Development and Learning Analytics, organized by IQAC & UGC- Paramarsh, Kirori mal College from July 24-30, 2020 12. National Conference on Application of Mathematical Tools in Social Sciences and Sciences organized by Zakir Hussain Delhi College, DU on October 17-18, 2020 13. AICTE Training and Learning (ATAL) Academy Online FDP on “Design thinking” from October 26-30, 2020 at Kirori Mal College University of Delhi
Invited Lectures/Resource Persons
Research Projects (Major Grants/Research Collaboration)
<ol style="list-style-type: none"> 1. Awarded All India Post Graduate Scholarship from 1985-87 2. Awarded Junior Research Fellowship by UGC in the year 1988-89
Association with Professional Bodies
Member of India Academy for Mathematical Modelling and Simulation (IAMMS)
Other Activities
<ol style="list-style-type: none"> 1. Webinar entitled "An Insight into Online Teaching-Learning and the Journey of Zero" conducted by Department of Mathematics, Vivekananda College, University of Delhi on May 18, 2020 2. Webinar entitled “Pen to Publishing: A bilingual webinar on writing, editing and publishing” conducted by Kirori Mal College, University of Delhi on May 24, 2020 3. Webinar on “Open Book Examinations: Different Perspectives” conducted by Department of Mathematics, Dr. Bhim Rao Ambedkar College, University of Delhi on May 26, 2020 4. International Webinar on “A Journey from Integers to Rings” organized by Department of Mathematics and IQAC of Deshbandhu College held on October 13, 2020 5. National Webinar on Use of Modern Optimization Techniques to solve Real Life Problems organized by the Department of Mathematics, Janki Devi Memorial College, University of Delhi on 26th July, 2021

Signature of Faculty Member