



Cluster Innovation Centre
University of Delhi



PERSONAL DETAILS

Name	Dr. Shashi Aggarwal
Designation	Associate Professor
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ACADEMIC DETAILS

Subject	Institution	Year
B.A(Hons) Mathematics	Indraprastha College for Women, DU	1979
M.A (Mathematics)	Indraprastha College for Women, DU	1981
M.Phil. (Mathematics)	Dept. of Mathematics, DU	1982
Ph.D. (Mathematical Programming)	Dept. of Mathematics, DU	1993

CAREER PROFILE

Organisation/ Institution	Designation	Year	Role
Miranda House, DU	Lecturer	14-10-1985 to 25-12- 1990	Teaching & Research
Miranda House, DU	Senior Lecturer	26-12-1990 to 30-12-1996	Teaching & Research
Miranda House, DU	Reader	31-12-1996 to 31-12-2005	Teaching & Research
Miranda House, DU	Associate Professor	2006 till date	Teaching & Research
Cluster Innovation Centre, DU	Associate Professor	April,2012 till date	Teaching & Research

RESEARCH INTEREST/ SPECIALISATION

1.	Mathematical Programming
2.	Algorithmic Approach to Solve Problems of Mathematical Programming

SUBJECTS TAUGHT

1.	Discrete Mathematics (University of Delhi)
2.	Numerical Analysis & Computer Programming (FORTRAN) (University of Delhi)
3.	Numerical Methods & C++ Programming (University of Delhi)
4.	Application Course in Basic Statistics (University of Delhi)
5.	Mathematical Programming to M.A./M.Sc.(Maths.) (University of Delhi)
6.	Basic Mathematics to M.Sc. (O.R.) (University of Delhi)
7.	Calculus (University of Delhi)
8.	Analysis (University of Delhi)

PUBLICATIONS/ CONFERENCE PRESENTATIONS

Title	Year	Journal/ Book	Co-Author
Multi – Objective Linear Fractional programming Under Fuzzy Environment	2012	Submitted-Fuzzy Sets & Systems	Chavi Gupta
'Optimality and Duality for Multiobjective Nonsmooth Programming'	1992	European J. of Operational Research	Davinder, Bhatia
Continuous time Inverse Vector Optimization Problems'	1992	Optimization	R.N.Kaul, D.Bhatia
Multiobjective Fractional Programming Duality: A nondifferentiable Case	1992	Congressus Numeratum	C.R.Bector, D.Bhatia
Duality in Multiple Right Hand Choice Linear Fractional Problems	1991	J.of Information & Optimization Sciences	Davinder, Bhatia & Neelam Lau
Duality for nondifferentiable nonlinear Programming Problems: A Feasible Direction approach	1991	Opsearch	Davinder, Bhatia
Vector Valued Constrained Games and Multi-objective Symmetric Duality	1991	Asia Pacific J. Op. Res.	Davinder, Bhatia
'Pseudolinearity and Efficiency Via Dini Derivatives'	1989	Indian J. Pure Appl.Math	Davinder, Bhatia
A Nonlinear Inverse Vector Optimization Problem'	1989	Opsearch	Davinder, Bhatia
'Generalised Saddle Points in Multiobjective Bilinear Programming'	1986	Opsearch	Davinder, Bhatia

PROJECTS/ OTHER DETAILS

1.	Supervising two Ph.D. students of the Department of Mathematics, University of Delhi, in the field of “Mathematical Programming”.
2.	Associated as part time with the work of the “Institute of Life Long Learning, South Campus (ILLL)” , 2008 - 2009
3.	Developed jointly with ‘Ms. Meetu Bhatia’, the question bank for “ILLL” on “Statistics” for “B.Sc. Programme”. A list of around 55 questions had given in August 2008.
4.	Worked as a member of the “Empowered Committee”, constituted by the Vice-Chancellor, to create an appropriate, modern and relevant course of study at the Honours level in Mathematics to replace the existing B.A. / B.Sc. Honours Mathematics in 2007 – 2008.
5.	Worked as a Convener of the Committee of Guidelines in ‘Computational and Discrete Mathematics’ of “B.Sc. Programme” in 2007 – 2008
6.	Worked extensively in the Committee of Courses and Guidelines in Application Course in “Basic Mathematics for Social Sciences & Basic Statistics” of “B.A. Programme” in 2006 – 2007.
7.	Worked as the “Nodal Officer” of the College in the “Delhi University – Smoke Free Project” under Dr. G. R. Khatri MD, DPH – President, WLF – South Asia, from June, 2008 – April, 2010.
8.	Worked as the Convener of the “Tier II- Information and Communication Technology (ICT) Capacity Building 6 day Workshop” conducted by the College in collaboration with the Institute of Lifelong Learning (ILLL), University of Delhi & Microsoft Corporation, during 11–16, January, 5 – 10 April, 19 – 24 April, 2010.
9.	Worked as the Convener of the “Enabling Committee” of the college.2009-2011.
10.	Worked as the Convener of N.S.S. Society in 2007 – 2008

ABOUT MYSELF

I like, being organized and working in a planned, methodological way, not in a haphazard manner. Like a student, I’m always eager to learn and teach new things. I try to give my best to whatever type of work allotted to me.

Stamp of the Director, Cluster Innovation Centre