Faculty details proforma for College Web-site

Title	**Dr.**	First Name	**Monika**	Last Name	**Mehta**	Photograph
Designation		Associate Professor				
Address						
Phone No Office						
Residence						
Mobile						
Email						
Web-Page						

Educational Qualifications		
Degree	Institution	Year
B.Sc.Maths Hons	Miranda House,Delhi University	1994
M.Sc. Maths	Miranda House, Delhi University	1996
MPhil.	Delhi University	1999
Phd	Delhi University	2009

Career Profile

Nov 1998-April 1999: Adhoc Lecturer in Satyawati College
July 1999-March 2004 : Lecturer , Satyawati College
March 2004 –Jan 2009 – Lecturer in Senior Scale
Jan 2009-Jan 2011-Reader
Jan 2011-Till Date : Associate Professor ,

Administrative Assignments

Have worked twice in the capacity of teacher incharge of Mathematics department, have also been the Mathematics society incharge for the past two years

Areas of Interest / Specialization

Mathematical Programming

Subjects Taught

Real Analysis, Linear Algebra, Probability and Statistics

Research Guidance

Nil

Publications Profile

- Have written the book entitled " **Generalized Convexity, Nonsmooth Variational Inequalities, and Nonsmooth Optimization**" published by CRC Press (Taylor and Francis Group) ISBN number: 978-1-4398-6820-1.

  Have several papers published in national and international journals

- " Vector variational inequalities with cone-pseudomonotone bifunctions", published in **Optimization**, Vol 54(3), 2005, pp. 327-338;

- "On vector variational inequality problem in terms of bifunctions", published in **The Australian Journal of Mathematical Analysis and Applications**, Vol 3, issue 2, article 11, 2006, pp. 1-11;

- "A note on pseudolinearity in terms of bifunctions", published in the journal **Asia-Pacific Journal of Operational Research**, Vol 24(1), 2007,pp. 83- 91;

- "Characterization of the solution sets of pseudolinear programs and pseudoaffine variational inequality problems", published in **Journal of Nonlinear and Convex Analysis**, Vol 8(1), 2007;

- "Characterizations of solution sets of mathematical programs in terms of Lagrange multipliers", published in **Optimization,** Vol 58, No 8, 2009, pp. 995-1007;

- **"**Strong invexity in terms of Bi-functions", published in Mexican Journal of Operational Research, Vol 2, No 1, Jan-Jun 2013, pp. 34-46;

- "Strong vector variational like inequality problems with properly quasimonotone bifunctions" published in **Journal of Inequalities and Applications** 2014, 2014:142.

- "Existence of solution for a generalised variational like inequality problem in terms of bifunctions", published in **Opsearch**, Vol 44(1), 2007, pp 41- 50.

Conference Organization/ Presentations (in the last three years)

Nil

Research Projects (Major Grants/Research Collaboration)

Nil

Awards and Distinctions

Nil

Association With Professional Bodies

Life member of Operational Research Society of India

Other Activities

Signature of Faculty Member

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