Curriculum Vitae (CV)

Title	Dr	First Name	Deepak	Last Name	Bhati	Photograph

Designation	Assistant Professor
Department	Mathematics
Address (Campus)	57, North Ave, West Punjabi Bagh, Punjabi Bagh, Delhi, 110026

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Education	Ph.D

Degree	Institution	Year
B.Sc	CCS University Meerut	2010
M.Sc	CCS University Meerut	2012
Ph.D	MNNIT Allahabad	2018

Research Interests/ Specialization

Fractional Optimization

Teaching Experience

7 year

Publications: NA

Chapters in Edited Books: NA

Research Papers in Journals:

(i) **Deepak Bhati and Pitam Singh**, Optimality criteria for sum of fractional multi-objective optimization problem with generalized invexity, **Turk J Math** (2015) 39: 900 – 912 (**SCI, impact factor: 0.614**).

(ii) **Deepak Bhati and Pitam Singh**, Branch and bound computational method for multi-objective linear fractional optimization problem, **Neural Comput & Applic. (Springer)** (2016) DOI 10.1007/s 00521-016-2243-6 (**SCI, impact factor: 5.102**)**.**

(iii) **Deepak Bhati and Pitam Singh**, A computational method for sum of fractional non-linear multi-objective optimization problem using branch and bound cut algorithm. **Ukr Math J** (**Springer**) (2018) DOI 10.1007/s11253-018-1464-5 (**SCI, impact factor: 0.343**).

(iv) **Deepak Bhati, Pitam Singh and Rubi Arya**, A taxonomy and review of the multi-objective fractional programming problems, **Int J Appl Comput Math** (**Springer**) (2016) DOI 10.1007/s40819-016-0261-9.

(v) **Rubi Arya, Pitam Singh and Deepak Bhati**, A fuzzy based branch and bound approach for multi-objective linear fractional(MOLF)optimization problems. **J Comput Math** (**Elsevier**) (2018) ISSN: 1877-7503 (**SCI, impact factor: 1.906**)

(vi) **Deepika Agarwal, Pitam Singh, Deepak Bhati, Saru Kumari**, Duality-based branch-bound computational algorithm for sum-of- linear-fractional multi-objective optimization problem. Soft computing (**Springe**r) (2018) (**SCI, impact factor:3.72**)

Participation in International Conferences/Workshops:

(i) *Some simplicial branch and bound duality results for sum of fractional multi- objective optimization problem*, **Presented in**: National Conference on Applications of Mathematics in Engineering and Sciences, Nov 29-30, 2014 at MNNIT Allahabad.

(ii) *A branch and bound algorithm for sum of fractional multi- objective optimization problem,* **Presented in**: National Meet of Research Scholars in Mathematical Sciences, Dec 8-12, 2014 at University of Jammu.

(iii) *A branch and bound type algorithm for solution of sum of ratios multi- objective programming problem,* **Presented in**: 18th International Conference of Recent Trends in Physical Sciences, Dec 22-24, 2015 at University of Allahabad.

Workshops:.

(i)   A National Instructional Workshop on Cryptology was **attended** during June 5-9, 2014 at MNNIT Allahabad.

(ii) IFCAM Summer School on Applied Mathematics during July 07-25, 2014 was **attended** at IISc. Bangalore.

(iii) Application of MATLAB in Science, Technology and Management was **attended** during December 01-07, 2016 at MNNIT Allahabad.

Innovative Projects:

Awards/Recognition:

Other Responsibilities: