

List of Publications

1. Newal Kishore and Anurag Jayswal, Prioritized goal programming formulation of an unbalanced transportation problem with budgetary constraints, "*Industrial Engineering Journal*" XXX (2001) 16-19.
2. Anurag Jayswal and Newal Kishore, An additive fuzzy programming model for bilevel linear programming problem, "*International Journal of Mathematical Sciences*" 1 (2002) 157-162.
3. Newal Kishore and Anurag Jayswal, Prioritized goal programming formulation of an unbalanced transportation problem with budgetary constraints: A fuzzy approach, "*Opsearch*" 39 (2002) 151-160.
4. Newal Kishore and Anurag Jayswal, An alternate method of solving multi-objective linear fractional programming problem, "*Proceeding of the International Conference on Analysis and Applications*" Dec. 22-25, (2003) 248-255.
5. Newal Kishore and Anurag Jayswal, Prioritized unbalanced transportation problem with multiple fuzzy goals, "*Industrial Engineering Journal*" XXX11 (2003) 13-19.
6. Anurag Jayswal, Non-differentiable minimax fractional programming with generalized α -univexity, "*Journal of Computational and Applied Mathematics*" 214 (2008) 121-135. IF-2.1 **Q1**
7. Anurag Jayswal and Rajnish Kumar, Some nondifferentiable multiobjective programming under generalized d -V-type-I univexity, "*Journal of Computational and Applied Mathematics*" 229 (2009) 175-182. IF-2.1 **Q1**
8. Z. Husain, Anurag Jayswal and Izhar Ahmad, Second order duality for nondifferentiable minimax programming problems with generalized convexity, "*Journal of Global Optimizations*" 44 (2009) 593-608. IF-1.407 **Q1**
9. Anurag Jayswal, On sufficiency and duality in multiobjective programming problem under generalized α -type I univexity, "*Journal of Global Optimizations*" 46 (2010) 207-216. IF-1.407 **Q1**
10. Anurag Jayswal, Dilip Kumar and Rajnish Kumar, Second order duality for nondifferentiable multiobjective programming problem involving (F, α, ρ, d) -V-type I functions, "*Optimization Letters*" 4 (2010) 211-226. IF-1.013 **Q2**
11. Ravi P. Agarwal, Izhar Ahmad and Anurag Jayswal, Higher-order symmetric duality in nondifferentiable multiobjective programming problems involving generalized cone convex functions, "*Mathematical and Computer Modelling*" 52 (2010) 1644-1650. IF-1.41 **Q1**
12. S. K. Gupta and Anurag Jayswal, Multiobjective higher-order symmetric duality involving generalized cone-invex functions, "*Computers Mathematics with Applications*" 60 (2010) 3187-3192. IF-1.860 **Q1**
13. Ravi P. Agarwal, I. Ahmad, Z. Husain and Anurag Jayswal, Optimality and duality in nonsmooth multiobjective optimization involving V-type I invex functions, "*Journal of Inequalities and Applications*" 2010 (2010), Article ID 898626. IF-0.966 **Q1**
14. Anurag Jayswal and Ioan Stancu-Minasian, Multiobjective subset programming problems involving generalized D -Type I univex functions, "*Proceedings of the Romanian Academy, Series A*" 11 (2010) 19-14. IF 1.402
15. Anurag Jayswal, I. Ahmad and S. Al-Homidan, Sufficiency and duality for nonsmooth multiobjective programming problems involving generalized $(F, \alpha, \rho, \theta)$ - d -V-univex functions, "*Mathematical and Computer Modelling*" 53 (2011) 81-90. IF-1.41 **Q1**
16. Anurag Jayswal and Ioan Stancu-Minasian, Higher-order duality for nondifferentiable minimax programming problem with generalized convexity, "*Nonlinear Analysis: Theory Methods & Applications*" 74 (2011) 616-625. IF-1.291 **Q1**
17. I. Ahmad, S. K. Gupta and Anurag Jayswal, On sufficiency and duality for nonsmooth multiobjective programming problems involving generalized V - r -invex functions, "*Nonlinear Analysis: Theory Methods & Applications*" 74 (2011) 5920-5928. IF-1.291 **Q1**

18. [Anurag Jayswal](#) and Ioan Stancu-Minasian, I. Ahmad, On sufficiency and duality for a class of interval-valued programming problems, “*Applied Mathematics and Computation*” 218 (2011) 4119-4127. IF-2.300 **Q1**
19. [Anurag Jayswal](#) and Dilip Kumar, On nondifferentiable minimax fractional programming involving generalized (C, α, ρ, d) -convexity “*Communication on Applied Nonlinear Analysis*” 18 (2011) 61-77.
20. [Anurag Jayswal](#), I. Ahmad and Dilip Kumar, Nondifferentiable minimax fractional programming problem with nonsmooth generalized convex functions, “*Communication on Applied Nonlinear Analysis*” 18 (2011) 57-75.
21. [Anurag Jayswal](#), Optimality and duality for nondifferentiable minimax fractional programming with generalized convexity, “*ISRN Applied Mathematics*” (2011) **2011**, Article ID 491941.
22. [Anurag Jayswal](#), Rajnish Kumar and Dilip Kumar, Multiobjective fractional programming problems involving (p, r) - ρ - (η, θ) -invex function, “*Journal of Applied Mathematics and Computing*” 39 (2012) 35-51. IF-2.4 **Q1**
23. [Anurag Jayswal](#), I. M. Stancu-Minasian and I. Ahmad, On sufficiency and duality in multiobjective programming problem involving $B(p, r)$ -type I functions, “*Lecture Notes in Engineering and Computer Sciences, WCE 2012, London U.K. dated 4-6 JULY*, Vol. 1, (2012) 12-17.
24. [Anurag Jayswal](#) and I. M. Stancu-Minasian, On sufficiency and duality in multiobjective subset programming problems involving generalized d -type I univex functions, “*Journal of Applied Mathematics and Informatics*” 30 (2012) 111-125.
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37. Anurag Jayswal, Ioan Stancu-Minasian, Izhar Ahmad and Krishna Kummari, On generalized minimax fractional programming problems with generalized nonsmooth $(F, \alpha, \rho, d, \theta)$ -univex functions, "Journal of Nonlinear Analysis and Optimization" 4 (2013) 227-239.
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39. Anurag Jayswal, I. Ahmad and Ashish Kumar Prasad, On minimax fractional programming problems involving generalized (H_p, r) -invex functions, "Journal of Industrial and Management Optimization" 10 (2014) 1001-1018. IF-0.994 Q3
40. Anurag Jayswal, Ioan Stancu-Minasian and Izhar Ahmad, Second order duality for minmax fractional programming problem involving (F, α, ρ, d) -type I functions, "Bulletin of the Malaysian Mathematical Sciences Society" 37 (2014) 893-905. IF-0.840 Q1
41. Anurag Jayswal, Izhar Ahmad, Krishna Kummari and S Al-Homidan, On minimax programming problems involving right upper-Dini-derivative functions, "Journal of Inequalities and Applications" (2014) 2014: 326. IF-0.966 Q1
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45. Anurag Jayswal and Sarita Choudhary, An exact l_1 exponential penalty function method for multiobjective optimization problems with exponential-type invexity, "Journal of Operation Research Society of China" 2 (2014) 75-91.
46. Anurag Jayswal, I. Ahmad and Krishna Kummari, Duality for minimax fractional programming problems under second order (Φ, ρ) -invexity, "Dynamics of Continuous, Discrete and Impulsive Systems-A" 21 (2014) 153-169.
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48. B. K. Mishra, B. Mahato, Anurag Jayswal and R. Chandra, A mathematical model on acquired immunodeficiency syndrome, "Journal of Egyptian Mathematical Society" 22 (2014) 544-549.
49. Anurag Jayswal, Ioan Stancu-Minasian and Ashish Kumar Prasad, Wolfe type second order fractional symmetric duality, "Journal of Applied Analysis" 20 (2014) 155-165.
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73. [Anurag Jayswal](#) and Jonaki Banerjee, An exact l_1 penalty approach for interval-valued programming problem, "*Journal of Operation Research Society of China*" 4 (2016) 461-481.
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75. [Anurag Jayswal](#) and Shipra Singh, Multiobjective variational problems and generalized vector variational-type inequalities, "*Rairo Operations Research*" 51 (2017) 211-225. IF-0.478 **Q4**
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BOOK CHAPTER

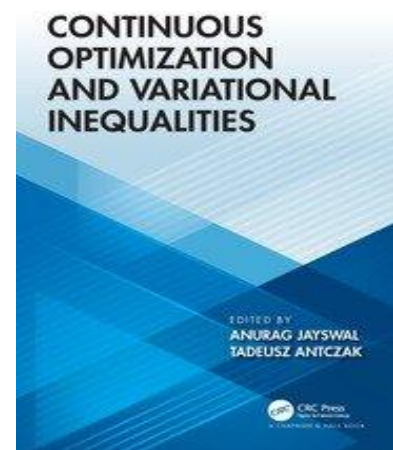
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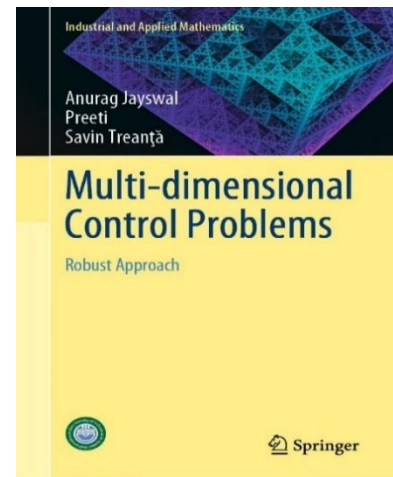
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