

List of Publications:

1. Newal Kishore, **Anurag Jayswal**, Prioritized Goal Programming Formulation of an Unbalanced Transportation Problem with Budgetary Constraints, "Industrial Engineering Journal" Vol. XXX, No. 9, (2001), 16-19.
2. **Anurag Jayswal**, Newal Kishore, An Additive Fuzzy Programming Model for Bilevel Linear Programming Problem, "International Journal of Mathematical Sciences" Vol. 1, (2002), 157-162.
3. Newal Kishore, **Anurag Jayswal**, Prioritized Goal Programming Formulation of an Unbalanced Transportation Problem With Budgetary Constraints: A Fuzzy Approach, "Opsearch" Vol. 39, No. 2, (2002), 151-160.
4. Newal Kishore, **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, **Anurag Jayswal**, Prioritized Unbalanced Transportation Problem with Multiple Fuzzy Goals, "Industrial Engineering Journal" Vol. XXX11, No. 10, (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.
7. Z. Husain, **Anurag Jayswal**, I. Ahmad, Second order duality for nondifferentiable minimax programming problems with generalized convexity "Journal of Global Optimizations" 44 (2009), 593-608.
8. **Anurag Jayswal**, Rajnish Kumar, Some nondifferentiable multiobjective programming under generalized d-V-type-I univexity "Journal of Computational and Applied Mathematics" 229 (2009) 175-182.
9. S. K. Gupta, **Anurag Jayswal**, Multiobjective higher-order symmetric duality involving generalized cone-invex functions "Computers and Mathematics with Applications" 60 (2010) 3187-3192.
10. Ravi P. Agarwal, I. Ahmad, Z. Husain, **A. Jayswal**, Optimality and duality in nonsmooth multiobjective optimization involving V-type I invex functions "Journal of Inequalities and Applications" Volume 2010, Article ID 898626, 14 pages.
11. Ravi P. Agarwal, Izhar Ahmad, **Anurag Jayswal**, Higher-order symmetric duality in nondifferentiable multiobjective programming problems involving generalized cone convex functions "Mathematical and Computer Modelling" 52 (2010) 1644-1650.

12. **Anurag Jayswal**, Dilip Kumar, 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.
13. **Anurag Jayswal**, On sufficiency and duality in multiobjective programming problem under generalized α -type I univexity "Journal of Global Optimizations" 46 (2010) 207-216.14.
14. **Anurag Jayswal**, I. M. Stancu-Minasian, Multiobjective subset programming problems involving generalized D -Type I univex functions "Proceedings of the Romanian Academy, Series A" 11(1) 2010.
15. **Anurag Jayswal**, Ioan Stancu-Minasian, Higher-order duality for nondifferentiable minimax programming problem with generalized convexity "Nonlinear Analysis: Theory Methods & Applications" 74 (2011) 616-625.
16. **Anurag Jayswal**, Izhar Ahmad, 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.
17. **Anurag Jayswal**, Optimality and duality for nondifferentiable minimax fractional programming with generalized convexity "ISRN Applied Mathematics" Volume 2011, Article ID 491941, 22 pages.
18. I. Ahmad, S. K. Gupta, **A. 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.
19. **Anurag Jayswal**, D. 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**, D. Kumar, Nondifferentiable minimax fractional programming problem with nonsmooth generalized convex functions "Communication on Applied Nonlinear Analysis" 18 (2011) 57-75.
21. **Anurag Jayswal**, 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 (Elsevier)
22. **Anurag Jayswal**, Rajnish Kumar, Dilip Kumar, Multiobjective fractional programming problems involving (p, r) - $\rho - (\eta, \theta)$ -invex function "Journal of Applied Mathematics and Computing" DOI 10.1007/s12190-011-0508-x
23. **Anurag Jayswal**, I.M.Stancu-Minasian, On sufficiency and duality in multiobjective subset programming problems involving d -type I univex functions "Journal of Applied Mathematics and Informatics" 2011 (Accepted).