

Information Regarding Research & Publications

Number of publications:

Sl. No.	Name of the faculty	International Journal	National Journal	Conference	Books	Books Chapter
1	Dr. Abhijit Baidya	19	00	International: 02 National: 00	00	00

Publication Details: Dr. Abhijit Baidya

2022

1. Baidya, A., Bera, U. K., Maiti, M., “Restricted Multi-Objective Solid Transportation Problem with Budget Constraint Involving Stochastic Variable & Interval Type-2 Fuzzy Number, New Mathematics & Natural Computation, 18(3), 747-773 (2022).

2021

2. Baidya, A., “Application of Grey Number to solve Multi-Stage Supply Chain Networking Model”, International Journal of Logistics Systems and Management, Accepted, accepted date: 29.09.2021.
3. Baidya, A., Bera, U. K. and Maiti, M., “Restricted Multi-objective Solid Transportation Problem with Budget Constraint involving Stochastic Variable and Interval Type-2 Fuzzy Number”, New Mathematics and Natural Computation, Accepted.

2019

4. Baidya, A. and Bera, U. K., “Solid Transportation Problem under Fully Fuzzy Environment”, International Journal of Mathematics in Operational Research, 15(4), 498 - 539(2019).
5. Baidya, A., “Stochastic Supply Chain Transportation Models Implementations and Benefits”, OPSEARCH, 56(2), 432–476(2019).
6. Baidya, A. and Bera, U. K. “New Model for Addressing Supply Chain and Transport Safety for Disaster Relief Operations”, Annals of Operations Research, 283, 33–69 (2019).

2018

7. Baidya, A., Bera, U. K. and Maiti, M., “Multi-item Multi-stage transportation problem with Breakability”, International Journal of Operational Research, 31(4), 510 – 544 (2018).

2017

8. Baidya, A., Bera, U. K. and Maiti, M., “Models for solid transportation problems in logistics using particle swarm optimisation algorithm and genetic algorithm”, *International Journal of Logistics Systems and Management*, 27(4), 487-526(2017).

2016

9. Baidya, A., Bera, U. K. and Maiti, M., “Uncertain Multi-Objective Restricted Solid Transportation Problem with Budget and Vehicle Cost”, *U.P.B. Sci. Bull., Series C*, 78(1), 161-174(2016).
10. Baidya, A., Bera, U. K. and Maiti, M., “Multi-Stage Multi-Objective Solid Transportation Problem for Disaster Response Operation with Type-2 Triangular Fuzzy Variables”, *Hacettepe Journal of Mathematics and Statistics*, 45(5), 1485-1518(2016).
11. Baidya, A., Bera, U. K. and Maiti, M., “The Grey Linear Programming Approach and its Application to Multi-Objective Multi-Stage Solid Transportation Problem”, *OPSEARCH*, 53(3), 500–522(2016).

2015

12. Baidya, A., Bera, U. K. and Maiti, M., “Breakable Fuzzy Multi-stage Transportation Problem” *Journal of Operations Research Society of China*, 3(1), 53-67 (2015).

2014

13. Baidya, A., Bera, U. K. and Maiti, M., “Interval Oriented Entropy Based Multi-item Solid Transportation Problem with Budget and Breakability”, *International Journal of Applied and Computational Mathematics*, 1(1), 279–292(2014).
14. Baidya, A., Bera, U. K. and Maiti, M., “Breakable Solid Transportation Problem with Hybrid and Fuzzy Safety Factors Using LINGO and Genetic Algorithm”, *Journal of Applied and Computational Mathematics*, 3(1), 1-12(2014).
15. Das, A, Baidya, A., Bera, U. K. , “An Interval Solid Transportation Problem with Vehicle Cost, Fixed Charge and Budget”, *International Journal of Mathematics and Scientific Computing*, 4(1), 28-32(2014).
16. Baidya, A., Bera, U. K. and Maiti, M., “An interval valued solid transportation problem with budget constraint in different interval approaches”, *Journal of Transportation Security*, 7(2), 147-155(2014).

2013

17. Baidya, A., Bera, U. K. and Maiti, M., “Solution of multi-item interval valued solid transportation problem with safety measure using different methods”, OPSEARCH, 51 (1), 1-12 (2013)
18. Baidya, A., Bera, U. K. and Maiti, M., “Multi-item interval valued solid transportation problem with safety measure under fuzzy-stochastic environment”, Journal of Transportation Security, 6(1), 151-174 (2013).
19. Baidya, A., Bera, U. K. and Maiti, M., “A solid transportation problem with safety factor under different uncertainty environments”, Journal of Uncertainty Analysis and Applications, 1(18), 1-22 (2013).