



Dr Chandan Bikash Das

E-mail: cbdas@tmv.ac.in

Profile URL :

<https://vidwan.inflibnet.ac.in//profile/224776>

Orcid Id: 0000-0003-0396-7017

Phone: , 9434101113

Address: Purba Medinipur ,West Bengal,India - 721636

Expertise

Mathematics

Optimization, Game Theory, Modelling

Work experience

1. Tamralipta Mahavidyalaya 2019 – Present

Associate Professor
Medinipur East

2. Tamralipta Mahavidyalaya 2016 – 2019

Assistant Professor (Grade-III)
Medinipur East

3. Tamralipta Mahavidyalaya 2011 – 2016

Assistant Professor (Grade-II)
Medinipur East

4. Tamralipta Mahavidyalaya 2006 – 2011

Assistant Professor (Grade-I)
Medinipur East

5. Tamralipta Mahavidyalaya 2005 – 2005

Lecturer
Medinipur East

Education

1. Ph. D. - 2013

Vidyasagar University

2. M. Sc. - 2000

Vidyasagar University

3. B. Sc. - 1998

Midnapore College

Publication

1. Introduction to Linear Algebra (Vol -I)

Partha Karmakar, Chandan Bikash Das, Pabitra Kumar Gouri
Introduction to Linear Algebra (Vol-I), Volume , Year 2021, Pages

2. Introduction to Linear Algebra (Vol- II)

Partha Karmakar, Chandan Bikash Das, Pabitra Kumar Gouri
Introduction to Linear Algebra (Vol- II), Volume , Year 2021, Pages

3. QoS Metrics Analysis of Routing Protocols in MANET using FIS and ANOVA Test with Varying Speed of Nodes

Subhrananda Goswami , Sukumar Mondal , Subhankar Johardar, Chandan Bikash Das
Journal of University of Shanghai for Science and Technology ISSN: 1007-6735, Volume 23(10) , Year 2021, Pages 918-930

4. Ranking of educational institutions using fuzzy logic: a mathematical approach

Das K.;Samanta S.;De K.;Encarnacion X.;Das C.B.
Afrika Matematika, Volume 31, Year 2020, Pages 1295-1310

5. Introduction to Classical Algebra

Chandan Bikash Das, Pabitra Kumar Gouri
Introduction to Classical Algebra, Volume , Year 2019, Pages

6. **Introduction to Abstract Algebra**
Chandan Bikash Das, Pabitra Kumar Gouri
Introduction to Abstract Algebra, Volume , Year 2019, Pages
7. **Cost-time trade-off pairs for cost varying transportation problem**
Das C.
Journal of Uncertain Systems, Volume 11, Year 2017, Pages 269-293
8. **Multi-choice linear programming for multi-objective bimatrix game**
C B Das
AMO-Advanced Modelling and Optimization, Volume 19(17), Year 2017, Pages 269-300
9. **FIXED CHARGE CAPACITATED TRANSPORTATION PROBLEM UNDER VEHICLES**
C B Das
Tamralipta Mahavidyalaya Research Review, Volume 2, Year 2017, Pages 1-8
10. **Performance analysis of three routing protocols in manet using the ns-2 and anova test with varying speed of nodes**
Subhrananda Goswami, Subhankar Joardar, Chandan Bikash Das, Samarajit Kar, Dibyendu Kumar Pal
Ad Hoc Networks, Volume , Year 2017, Pages 126-138
11. **AN ALTERNATIVE APPROACH FOR CUBE ROOT OF A PERFECT CUBE NUMBER**
C. B. Das
Tamralipta Mahavidyalaya Research Review, Volume 1, Year 2016, Pages 8-12
12. **Fuzzy Programming Approach to Multi-Objective Capacitated Transportation Problem under 2-Vehicle**
C B das
Ciit-international Journal of Fuzzy Systems, Volume 8(9), Year 2016, Pages , 235-242
13. **ENERGY CONSUMPTION OF AODV AND DSDV PROTOCOLS IN MANET USING NS-2**
S Goswami, CB Das, DS Maity
Tamralipta Mahavidyalaya Research Review, Volume 1, Year 2016, Pages 32-40
14. **SOLVING COST VARYING TRANSPORTATION PROBLEMS BY GENETIC ALGORITHM BASED ON A SPANNING TREE AND PR UFER NUMBER**
C B Das
Communications in Optimization Theory, Volume Commun. Optim. Theory 2016 (2016), Article ID 22, Year 2016, Pages
15. **A survey on various route optimization techniques in network mobility**
Goswami S.;Das C.B.
Journal of Uncertain Systems, Volume 10, Year 2016, Pages 91-107

16. **Multi-Stage Transportation Problem under Vehicles**
C B Das
Journal of Physical Sciences, Volume 21, Year 2016, Pages 47-61
17. **Matrix Game Under Uncertainty Theory via Entropy**
Prasanta Mula, Sankar Kumar Roy, Chandan Bikash Das
International Journal of Innovative Science, Engineering & Technology, Volume 3, Year 2016, Pages 593-610
18. **Interval transportation problem in urban region**
Arpita Panda ., Chandan Bikash Das .,
International Journal of Fuzzy Computation and Modelling, Volume 1(3), Year 2015, Pages 269-286
19. **Cost varying multi-objective interval transportation problem under N-vehicle**
Panda A.;Das C.
Journal of Uncertain Systems, Volume 9, Year 2015, Pages 306-320
20. **Performance comparison of different routing protocols with fuzzy inference system in manet**
Subhrananda Goswami, Subhankar Joardar, Chandan Bikash Das
Advances in Science and Technology. Research Journal, Volume 9(27), Year 2015, Pages 149--156
21. **PERFORMANCE ANALYSIS OF AODV, DSR AND DSDV IN MANET USING NS-2**
Subhrananda Goswami, Chandan Bikash Das
Global Journal of Computer Science and Information Technology, Volume , Year 2014, Pages
22. **Entropy Game Problems: Basics, Concepts, Models, Method, Examples**
Chandan Bikash Das, Sankar Kumar Roy
Entropy Game Problems: Basics, Concepts, Models, Method, Examples, Volume , Year 2014, Pages 156 pages
23. **Multi-choice linear programming for matrix game**
Panda A.;Das C.
Applied Mathematics and Computation, Volume 237, Year 2014, Pages 411-418
24. **2-vehicle cost varying transportation problem**
Panda A.;Das C.
Journal of Uncertain Systems, Volume 8, Year 2014, Pages 44-57
25. **Reactive and Proactive Routing Protocols Performance Metric Comparison in Mobile Ad Hoc Networks NS 2**
Subhrananda Goswami, Subhankar Joardar, Chandan Bikash Das
International Journal of Advanced Research in Computer and Communication Engineering, Volume 3, Year 2014, Pages 4908-4914

26. **A simulation based performance comparison of AODV and DSDV mobile ad hoc networks**
Subhrananda Goswami, Subhankar Joardar, Chandan Bikash Das, Barun Das
International Journal of Information Technology and Computer Science, Volume 6, Year 2014, Pages
27. **Capacitated Transportation Problem under Vehicles**
A Panda, CB Das
Capacitated Transportation Problem under Vehicles, Volume , Year 2014, Pages
28. **Multi-objective cost varying transportation problem using fuzzy programming**
S Goswami, A Panda, CB Das
Annals of Pure and Applied Mathematics , Volume 7, Year 2014, Pages 47-52
29. **Performance Comparison of Routing Protocols of MANET Using NS2**
Subhrananda Goswami, Subhankar Joardar, Chandan Bikash Das
Performance Comparison of Routing Protocols of MANET Using NS2, Volume , Year 2014, Pages
30. **Performance Evaluation on various Route Optimization Techniques in Network Mobility (NEMO)**
Subhrananda Goswami, Chandan Bikash Das
International Journal of Modern Computer Science (IJMCS) 2 (6), 45-50, Volume 2(6), Year 2014, Pages 45-50
31. **Fuzzy based GA to multi-objective entropy bimatrix game**
Das C.;Roy S.
OPSEARCH, Volume 50, Year 2013, Pages 125-140
32. **An Approach to Solve Capacitated Transportation Problem Under N-Vehicle Cost Varying Transportation Problem**
A Panda, CB Das
Ciit-international Journal of Fuzzy Systems, Volume 5(7), Year 2013, Pages 191-204
33. **Multicriteria entropy bimatrix goal game: A fuzzy programming approach**
Roy S.;Das C.
Journal of Uncertain Systems, Volume 7, Year 2013, Pages 108-117
34. **A Survey on various Route Optimization Techniques for Internet Applications in Network Mobility (NEMO)**
Subhrananda Goswami, Chandan Bikash Das, Subhankar Joardar
Wireless Communication, Volume 5(12), Year 2013, Pages 441-452
35. **A multi-choice programming approach to zero-sum games with multiple goals**
Arpita Panda, Subhrananda Goswami, Chandan Bikash Das
AMO-Advanced Modelling and Optimization, Volume 15(3), Year 2013, Pages 735-744

36. **Comparative Performance Analysis of DSDV and AODV Routing Protocols in MANET using NS2**
Subhrananda Goswami, Chandan Bikash Das, Subhankar Joardar
Networking and Communication Engineering, Volume 5(12), Year 2013, Pages 536-544
37. **A Real Coded Genetic Algorithm to Entropy Bimatrix Game: Fuzzy Programming Technique**
Chandan Bikash Das, Sankar Kumar Roy
Journal of Information and Computing Science, Volume 7(4), Year 2012, Pages 243-252
38. **Entropy Optimization Model on Bimatrix Game**
Chandan Bikash Das, Sankar Kumar Roy
Journal of Physical Sciences, Volume 15, Year 2011, Pages 181-192
39. **Fuzzy based GA for entropy bimatrix goal game**
Das C.;Roy S.
International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, Volume 18, Year 2010, Pages 779-799
40. **Fuzzy based GA to multicriteria entropy matrix game**
Chandan Bikash Das, Sankar Kumar Roy
The Journal of Fuzzy Mathematics, Volume 18(3), Year 2010, Pages 567-582
41. **Genetic Algorithm Approach to Entropy Matrix Goal Game via Fuzzy Programming**
Chandan Bikash Das, Sankar Kumar Roy
Journal of Physical Sciences, Volume 13, Year 2009, Pages 161-174
42. **Fuzzy based genetic algorithm for multicriteria entropy matrix goal game**
Sankar Kumar Roy, Chandan Bikash Das
Journal of Uncertain Systems, Volume 3, Year 2009, Pages 201-209
43. **Genetic algorithm approach to entropy matrix game via fuzzy programming**
Sankar Kumar Roy, Chandan Bikash Das
AMO-Advanced Modelling and Optimization, Volume 11(4), Year 2009, Pages 349-365
44. **An approach to solve two-person matrix game via entropy**
Chandan Bikash Das, Sankar Kumar Roy
AMO-Advanced Modelling and Optimization, Volume 11(4), Year 2009, Pages 557-570
45. **Entropy optimization model on two-person zero-sum game**
Chandan Bikash Das, Sankar Kumar Roy
International Conference on Frontier of Mathematics and Applications, Volume , Year 2008, Pages

46. A study on application of Markovian decision process in drilling and blasting operation of opencast mines

Brahma K.;Pal B.;Das C.

Journal of Mines, Metals and Fuels, Volume 55, Year 2007, Pages 24-29

47. An application of regression model for evaluation of blast vibration in an opencast coal mine - A case analysis

Brahma K.;Pal B.;Das C.

Proceedings of the 14th International Symposium on Mine Planning and Equipment Selection, MPES 2005 and the 5th International Conference on Computer Applications in the Minerals Industries, CAMI 2005, Volume , Year 2005, Pages 161-165

48. An application of real-coded genetic algorithm (for mixed integer non-linear programming in an optimal two-warehouse inventory policy for deteriorating items with a linear trend in demand and a fixed planning horizon)

P. Pal ., C. B. Das ., A. Panda ., A. K. Bhunia .,

International Journal of Computer Mathematics, Volume 82 (2), , Year 2005, Pages 163-175