

FacultyProfile

1. Name: Dr. Chandan Bikash Das
2. Designation: Associate Professor
3. Name of the Department: Mathematics
4. E-mail ID: cdasmathematics@gmail.com
5. WEB Page, if any:



6. Educational Qualifications (Graduation onwards):

Examination	Name of the University/Institution	Year of Passing	Subject
M.P.	Changrachak J.S. Vidyapith	1993	
H.S.	Changrachak J.S. Vidyapith	1995	
B.Sc.(H)	Midnapore College	1998	Mathematics
M.Sc.	Vidyasgar University	2000	Mathematics
B.Ed.	Y. S. Palpara Mahavidyalaya	2001	

7. Research Degree(s):

Degree	Name of the Degree Awarding Institution	Date of Award	Title
Ph. D.	Vidyasgar University	2013	Some entropy game problem under GA and fuzzy programming

8. Teaching Experience(in Years):16 yrs
9. Specialization/Expertise/Teaching Area: Operations Research
10. Courses Taught: B. Sc. (Mathematics)
11. Present Research Activities, if any: self (Topics: Decision Theory, Game Theory, Uncertain Problem, Transportation Problem and Networking, Fuzzy logic)
12. Major/Minor Research Project(s) Undertaken/Completed(during last 5 years): Nil

13. Publications and Others:

A] Books Published:

1. Chandan Bikash Das, Arpita Panda, Capacitated Transportation Problem under Vehicles, 2014
ISBN-13 : 978-3-659-24238-0, ISBN-10:3659242381 Website: <https://www.lap-publishing.com/>
2. Subhrananda Goswami, Subhankar Joardar, Chandan Bikash Das, Performance Comparison of Routing Protocols of MANET Using NS2 , 2014, ISBN-13: 978-3-659-59499-1 ISBN-10: 3659594997
Website: <https://www.lap-publishing.com/>

3.Chandan Bikash Das, Sankar Kumar Roy, k Entropy Game Problems, 2014, ISBN-10 : 3659511927
ISBN-13 : 978-3659511929, **Website:** <https://www.lap-publishing.com/>

4.Chandan Bikash Das, Pabitra Kumar Gouri, Introduction to Classical Algebra, 2019, **Books & Allied**, ISBN: 978-81-938974-0-9

5.Chandan Bikash Das, Pabitra Kumar Gouri ,k Introduction to Abstract Algebra **Volume -1**, 2019, **Books & Allied**, ISBN: 978-81-941732-0-5

3.

B]Research Papers in International/National Journals:

1. Kousik Das, Sovan Samanta, Kajal De, Xavier Encarnacion, Chandan Bikash Das, : Ranking of educational institutions using fuzzy logic: a mathematical approach, Afrika Matematika, **Volume 31, Year 2020, Pages 1295-1310**
2. C B Das, Multi-choice linear programming for multi-objective bimatrix game, AMO-Advanced Modelling and Optimization, **Volume 19(17), Year 2017, Pages 269-300**
3. C B Das, FIXED CHARGE CAPACITATED TRANSPORTATION PROBLEM UNDER VEHICLES, Tamralipta Mahavidyalaya Research Review, **Volume 2, Year 2017, Pages 1-8**
4. C. B. Das, AN ALTERNATIVE APPROACH FOR CUBE ROOT OF A PERFECT CUBE NUMBER, Tamralipta Mahavidyalaya Research Review, **Volume 1, Year 2016, Pages 8-12**
5. C B Das, Fuzzy Programming Approach to Multi-Objective Capacitated Transportation Problem under 2-Vehicle, Ciit-international Journal of Fuzzy Systems, **Volume 8(9), Year 2016, Pages , 235-242**
6. S Goswami, CB Das, DS Maity, ENERGY CONSUMPTION OF AODV AND DSDV PROTOCOLS IN MANET USING NS-2, Tamralipta Mahavidyalaya Research Review, **Volume 1, Year 2016, Pages 32-40**
7. C B Das, SOLVING COST VARYING TRANSPORTATION PROBLEMS BY GENETIC ALGORITHM BASED ON A SPANNING TREE AND PR UFER NUMBER, Communications in Optimization Theory, **Volume Commun. Optim. Theory 2016 (2016), Article ID 22, Year 2016, Pages**
8. Subhrananda Goswami, Chandan Bikash Das, A survey on various route optimization techniques in network mobility,Journal of Uncertain Systems, **Volume 10(2), Year 2016, Pages 91-107**
9. C B Das, Multi-Stage Transportation Problem under Vehicles, Journal of Physical Sciences, **Volume 21, Year 2016, Pages 47-61**
10. Prasanta Mula, Sankar Kumar Roy, Chandan Bikash Das, Matrix Game Under Uncertainty Theory via Entropy,International Journal of Innovative Science, Engineering & Technology, **Volume 3, Year 2016, Pages 593-610**
11. Arpita Panda, Chandan Bikash Das, Interval transportation problem in urban regions, International Journal of Fuzzy Computation and Modelling, **Volume 1(3), Year 2015, Pages 269-286**

12. Subhrananda Goswami, Subhankar Joardar, Chandan Bikash Das, Performance comparison of different routing protocols with fuzzy inference system in manet, *Advances in Science and Technology. Research Journal*, **Volume 9(27)**, **Year 2015**, **Pages 149—156**.
13. Subhrananda Goswami, Chandan Bikash Das, PERFORMANCE ANALYSIS OF AODV, DSR AND DSDV IN MANET USING NS-2, *Global Journal of Computer Science and Information Technology*, **Volume** , **Year 2014**, **Pages**.
14. Arpita Panda, Chandan Bikash Das, Multi-choice linear programming for matrix game, *Applied Mathematics and Computation*, **Volume 237**, **Year 2014**, **Pages 411-418**.
15. Arpita Panda, Chandan Bikash Das, 2-vehicle cost varying transportation problem, *Journal of Uncertain Systems*, **Volume 8(1)**, **Year 2014**, **Pages 44-57**.
16. Subhrananda Goswami, Subhankar Joardar, Chandan Bikash Das, Reactive and Proactive Routing Protocols Performance Metric Comparison in Mobile Ad Hoc Networks NS 2, *International Journal of Advanced Research in Computer and Communication Engineering*, **Volume 3**, **Year 2014**, **Pages 4908-4914**.
17. Subhrananda Goswami, Subhankar Joardar, Chandan Bikash Das, Barun Das, A simulation based performance comparison of AODV and DSDV mobile ad hoc networks, *International Journal of Information Technology and Computer Science*, **Volume 6**, **Year 2014**, **Pages**.
18. S Goswami, A Panda, CB Das, Multi-objective cost varying transportation problem using fuzzy programming, *Annals of Pure and Applied Mathematics* , **Volume 7**, **Year 2014**, **Pages 47-52**.
19. Subhrananda Goswami, Chandan Bikash Das, Performance Evaluation on various Route Optimization Techniques in Network Mobility (NEMO), *International Journal of Modern Computer Science (IJMCS) 2 (6)*, 45-50, **Volume 2(6)**, **Year 2014**, **Pages 45-50**.
20. Chandan Bikash Das, Sankar Kumar Roy, Fuzzy based GA to multi-objective entropy bimatrix game, *Opsearch*, **Volume 50**, **Year 2013**, **Pages 125-140**.
21. A Panda, CB Das, An Approach to Solve Capacitated Transportation Problem Under N-Vehicle Cost Varying Transportation Problems, *Ciit-international Journal of Fuzzy Systems*, **Volume 5(7)**, **Year 2013**, **Pages 191-204**.
22. Sankar Kumar Roy, Chandan Bikash Das, Multicriteria entropy bimatrix goal game: a fuzzy programming approach, *Journal of Uncertain Systems*, **Volume 7(2)**, **Year 2013**, **Pages 108-117**.
23. Subhrananda Goswami, Chandan Bikash Das, Subhankar Joardar, A Survey on various Route Optimization Techniques for Internet Applications in Network Mobility (NEMO), *Wireless Communication*, **Volume 5(12)**, **Year 2013**, **Pages 441-452**.
24. . Arpita Panda, Subhrananda Goswami, Chandan Bikash Das, A multi-choice programming approach to zero-sum games with multiple goals,a AMO-Advanced Modelling and Optimization, **Volume 15(3)**, **Year 2013**, **Pages 735-744**.
25. Subhrananda Goswami, Chandan Bikash Das, Subhankar Joardar, Comparative Performance Analysis of DSDV and AODV Routing Protocols in MANET using NS2, *Networking and Communication Engineering*, **Volume 5(12)**, **Year 2013**, **Pages 536-544**

26. . Chandan Bikash Das, Sankar Kumar Roy, A Real Coded Genetic Algorithm to Entropy Bimatrix Game: Fuzzy Programming Technique, Journal of Information and Computing Science, **Volume** 7(4), **Year** 2012, **Pages** 243-252.
27. Chandan Bikash Das, Sankar Kumar Roy, Entropy Optimization Model on Bimatrix Game, Journal of Physical Sciences, **Volume** 15, **Year** 2011, **Pages** 181-192
28. Chandan Bikash Das, Sankar Kumar Roy ,Fuzzy based GA for entropy bimatrix goal game, International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, **Volume** 18, **Year** 2010, **Pages** 779-799.
29. Chandan Bikash Das, Sankar Kumar Roy , Fuzzy based GA to multicriteria entropy matrix game, The Journal of Fuzzy Mathematics, **Volume** 18(3), **Year** 2010, **Pages** 567-582.
30. . Sankar Kumar Roy, Chandan Bikash Das, Genetic Algorithm Approach to Entropy Matrix Goal Game via Fuzzy Programming, Journal of Physical Sciences, **Volume** 13, **Year** 2009, **Pages** 161-174.
31. Chandan Bikash Das, Sankar Kumar Roy, Fuzzy based genetic algorithm for multicriteria entropy matrix goal game, Journal of Uncertain Systems, **Volume** 3, **Year** 2009, **Pages** 201-209
32. Sankar Kumar Roy, Chandan Bikash Das,Genetic algorithm approach to entropy matrix game via fuzzy programming, AMO-Advanced Modelling and Optimization, **Volume** 11(4), **Year** 2009, **Pages** 349-365
33. Chandan Bikash Das, Sankar Kumar Roy, An approach to solve two-person matrix game via entropy, AMO-Advanced Modelling and Optimization, **Volume** 11(4), **Year** 2009, **Pages** 557-570.
34. P Pal, CB Das, Ashish Panda, Asoke Kumar Bhunia , 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), International Journal of Computer Mathematics, **Volume** 82 (2), **Year** 2005, **Pages** 163-175

C] Conference Papers:

a) International Conference:Nil

b) National Conference: Nil

D]Conference/Symposium Attended (during last 5 years)

- **International Level**

Name of The Conference	Organizer,Date, Venue	Financially Supported by

- **National Level**

Name of The Conference	Organizer, Date, Venue	Financially Supported by
Recent Development in Mathematics and its Applications	Department of Mathematics, Ramkrishna Mission collaboration with ISI Kolkata	UGC
Advanced level of Mathematical Sciences	Raja N.L.Khan Womens' College & Chandrokana Mahavidyalaya	UGC
Role of Public Library in Archiving the Cultural Heritage of W. B.	Tamralipta Mahavidyalaya with District Library , Tamluk	RRRLF

E] Invited Lectures Delivered in Seminars/Webinars: (Title,Name of Seminar,OrganizerDate and Venue):

- 1.
- 2.

F] Orientation Programme/Refresher Course/Short Term Course Completed:

1. R.C. in Mathematical Sciences—7to 29, September, 2007, ASC- University of Calcutta
2. Orientation Programm—5th July to 1st Aug-2008, ASC-Burdwan, W.B., India
3. First Refresher Course in Mathematics and its Applications—
10-30,Dec,2013; ASC-Burdwan, W.B., India
4. R.C. in Mathematical Sciences—8 to 29, March, 2017, ASC- University of Calcutta

G] Articles Published in Magazines:

- 1.
 - 2.
 - 3.
14. Awards and Recognitions, if any:

15. Membership of Reputed Bodies/Organizations including Professional Associations:

16. Significant Information, if any: