Curriculum- Vitae

Prof. R.C. Dimri
Department of Mathematics
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Father's Name : Shri S.K. Dimri
Date of Birth : 05-06-1963
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Educational Qualifications:

Examination Passed	Division	Institute/ University
B.Sc. (PMG), 1981	First	Govt. P.G. College Gopeshwar
M.Sc. (Maths), 1983	First with 2nd position in the University	Govt. P.G. College Gopeshwar
M.Phil (Maths), 1986	Awarded	Delhi University
D. Phil (Maths), 1990	Awarded	HNB Garhwal University

Title of D. Phil Thesis : Some Fixed Point Theorems in Menger Spaces.

Professional Experience:

Time Period	Level of appointment	Name of Institution
15-05-1991 to 14-05-1996	Lecturer	HNBGU, Pauri Campus
15-05-1996 to 14-05-2001	Senior Lecturer	HNBGU, Pauri Campus
15-05-2001 to 5-10-2007	Reader/Associate Professor	HNBGU, Srinagar Campus
6-10-2007 to till date	Professor	HNBGU, Srinagar Campus

Research Interest :

- Nonlinear Analysis,
- Fixed Point Theory and Applications.

Teaching Interest : Courses taught

- At under graduate level : Calculus, Abstract Algebra, Real Analysis, Co-ordinate Geometry etc.
- At post graduate level : Topology, Functional Analysis, Abstract Algebra, Measure and Integration Theory, Operation Research,Differential Geometry.
- Pre-Ph.D. Course : Research Methodology, Advanced Real Analysis.

Supervision of Ph.D. Scholars :

S.N.	Name of Scholar	Title of Thesis
1.	Vishaw Bandhu Chandola	Study of Fixed Points in Probabilistic and Fuzzy Metric Spaces , 2005
2.	Neelam	Some Problems on Subspaces of Finsler Spaces, 2006
3.	N.S. Gariya	Study of Fixed and Common Fixed Points in Probabilistic Analysis , 2008
4.	Shiv Prasad	On Some Models in Queuing and Sequencing Theory with Applications , 2008
5.	Amit Singh	Study of Fixed Point Theorems and Iterative Procedures , 2010
6.	Sandeep Bhatt	Some Results on Fixed and Common Fixed Points in Nonlinear Analysis , 2011
7.	Vineet Kishore Srivastava	Some Problems on Para-Sasakian and Special Para-Sasakian Manifolds , 2013
8.	Prajapati Darshna Jashbhai	Fixed Point Iteration and Applications to Fractal Graphics , 2013
9.	Smita Joshi	Common Fixed Point Theorems in Metric and Fuzzy Metric Spaces , 2013
10.	Shruti Chaukiyal	Study of Fixed Points and Iterative Approximation of Fixed Points with Applications , 2014
11.	Pushpendra Semwal	Study of Coincidence and Fixed Point Theorems for Single-valued and Multi-valued Mappings , 2015
12.	Mukesh Sharma	Fixed Point Theorems for Single and Multi-valued Maps in Probabilistic Analysis , 2016
13.	Gopi Prasad	Study of Some Fixed Point Results for Single and Multi-valued Mappings in Metric Spaces , 2018.
14.	Sudheer Petwal	Some Results on Fixed Point Theory in Metric and PartiallyOrdered Metric Spaces , SM16154, 20 July, 2020.
15.	Ayush Bartwal	Some Coincidence and Common Fixed Point Theorems in Fuzzy Metric Spaces,SM-17080,2021.
16.	Shivam Rawat	Some Results in Metric Fixed Point Theory with Applications, SM-19018, June 2023.

Books/Chapter .

- Mamta Rani, R.C.Dimri and Darshana J. Prajapati,Chapter V, " V-Variable Sierpinski Gasket and Carpet"of the book "Chaos and Complexity Research Compendium" Vol.3 , Nova Science Publishers Inc, (April,2013).

- Mamta Rani, R.C.Dimri and Darshana J. Prajapati, Chapter 17, “Darboux & Cellerier Fractal Hedgehogs ” of the book “Recent Advances in Fixed Point Theory and Applications ” Nova Science Publishers Inc, (September-2017).
  ISBN: 978-1-53612-085-1.
- Ayush Bartwal, R.C. Dimri, “A Common fixed theorem in fuzzy metric spaces with an application" as a Chapter in the Book “Fixed Point Theory and Its Applications to Real World Problems”, Nova Science Publishers Inc. (2021).
  ISBN: 978-1-53619-336-7.

Administrative Experience :

- Worked as Assistant Controller Exam (2002-03).
- Worked as Assistant Proctor (1999-2003).
- Worked as Programme Officer NSS (2007-08).
- Chief Proctor (2008-09).
- Co-ordinator IGNOU Study Centre Birla Campus (2009-2013).
- Member BOS of Meerut University (2011-13), Pt. L.M.S. P.G. College Rishikesh (2011-14) etc.
- HoD and Convener BoS Mathematics, from Oct 1,2017-Sept 30,2020.
- Chief Vigilance Officer (Officiating) of the University, from 2018-21.
- Dean School of Sciences, from March 1, 2020 -February 28,2023.
- First Appellate Authority-Since May 1, 2023.

Membership :

- Life member of Indian Mathematical Society.
- Life member of Indian Society for History of Mathematics.
- Life member of Vijnana Parishad of India etc.

Conference / Seminar / Workshops :

1. 55^{th} annual conference of Indian Mathematical Society held at Delhi University from Dec. 27-Dec. 30, 1989.
2. Third annual conference of Vijnana Parisad of India held at H.N.B.G.U. Srinagar from May 25-May 26,1993.
3. 66^{th} annual conference of IMS from Dec.19-Dec.22 1998 held at G.K.V. Haridwar.
4. National conference on History of Mathematics on behalf of Indian Society for History of Mathematics, held at Nainital, Kumaun University from Oct 13-Oct 16, 2000.

5. National seminar on History of Mathematics Science & Applicable Mathematics at G.K.V. Haridwar from March 7- March 9, 2003.
6. 71^{th} annual conference of IMS at IIT Roorkee from Dec.26-Dec.29. 2003.
7. Instructional Workshop on Scientific Computing: Theory and Practices (Oct. 30- Nov. 06, 2006), at Deptt. of Maths, Stat. & Comp. Sci., G.B.Pant Univ. of Agr. & Tech., Pantnagar.
8. International Conference on 'Advances in Mathematics: Historical Development & Engineering Application,'held in Deptt. of Maths, Stat. & Comp. Sci., G.B.Pant Univ. of Agr. & Tech., Pantnagar, India Dec.19-22, 2007.
9. National Conference on 'Recent Trends in the Advancement of Astronomy and Applied Mathematics' held in S.G.R.R. (P.G) College Dehradun on November 14 &15. 2009.
10. Pre- International Congress of Mathematicians 2010 workshop held in D.S.B. Campus, Kumaun University, Nainital on March 26-27, 2010.
11. National Conference on Nonlinear Analysis and Applications held in Department of Mathematics, Campus Pauri (Garhwal), June 5-7, 2010.
12. International Congress of Mathematicians-2010 (ICM) held in Hyderabad University on August 19-27, 2010.
13. National Seminar on "Advances in Mathematics: Historical Developments of Engineering Application; January 9-11, 2012, Organized by Deptt. Of Maths; M.B.P. Woman Institute of Engineering, (ISHM) Gujrat Technical University.
14. National Conference on Progressive Science and Engineering (NCPSE-2016), 24-25 Oct. 2016, Organized by Institute of Technology, Gopeshwar.
15. 19th Annual Conference of Vijnana Parishad of India, (RAMMSA- 2016), Nov 10-12, 2016, organized by Deptt. of Maths; H.N.B. Garhwal University, Pauri (Convener of the symposium on Fixed Point Theory & Applications). Topic "Dynamical System,Chaos and Stability Analysis of Fixed Points".
16. International Conference on History and Recent Development in Mathematics with Applications in Science and Technology & Symposium on Fixed Point Theory in Memory of Prof. S.L.Singh, 17th – 19th Dec. 2019 at M.B.P. Institute of Technology, New

V.V.Nagar,Anand,Gujarat. Topic “Achievements in Ancient Indian Science: A Reality Check”.

Research Papers:

1. B.D. Pant, **R.C.Dimri** and S.L.Singh: Fixed point theorems for expansion mappings on probabilistic metric spaces, Honam Math. J. 9(1), 1987, 77-81:MR0919074(88k:54073),zbl0945.54503.
2. K.P. Chamola, **R.C. Dimri** and B. D. Pant: On nonlinear contractions on Menger spaces, Ganita, 39(1) 1988, 49-53: MR 1115980 zbl 0732.54034.
3. B.D. Pant and **R.C.Dimri**: Meir-Keeler type contractive condition in Menger spaces, Pure Appl. Math. Sci., 1989, 77-81: MR1041031 (91b:54083), zbl 0724-54040.
4. **R. C. Dimri**: Generalized fixed point theorem in Menger spaces, J. Indian Acad. Math, 11(1) 1989.45-48 MR 09999878(90f: 54066).
5. **R. C.Dimri** and B.D. Pant: Fixed point theorems in nonarchimedean Menger spaces, Kyungpook Math. J., 1991, 13(1), 89-95: MR112187 zbl 0763.54033.
6. **R. C. Dimri** and U. C. Gairola: A fixed point theorem for a generalized nonlinear contraction, G.K. Vijjnana P. Aryabhatt. 1(2), 1998, 155-160.
7. **R. C.Dimri** and B.D. Pant: fixed points of probalistic densifying mappings, J. Natur. Phys. Sci., 16(1-2) 2002, 69-76: MR2095520, zbl 1090.54508.
8. S. L. Singh, B.D. Pant and **R.C. Dimri**: Sequence of iterates and fixed poin in random normed spaces, Varahmihir J. Math. Sci., 3(2) 2003. 337-340: MR2064793, zbl 1162.46301.
9. **R.C.Dimri** and V.B.Chandola: A common fixed point theorems in fuzzy metric spaces, J. Natur. Phys. Sci., 18(1) 2004, 103-114: MR2094790, zbl 1090.54507.
10. V.B. Chandola, **R.C.Dimri** and B.D.Pant: Convergence theorem in non-archimedian Menger spaces, Varahmihir J. Math. Sci., 4(1), 2004 , 203-208: MR2212615,zbl 1162.54323.
11. B.D. Pant, **R. C.Dimri** and V.B. Chandola: Some results on fixed points of probabilistic densifying mapping. Bull. Cal. Math. Sci. 96(3), 2004, 189-194: Mr2090229, zbl 1072.47052.

12. V.B Chandola **and R.C.Dimri**: A fixed point theorem for probabilistic densifying mapping in Menger spaces. The Math. Ed. 39(2), 2005, 107-110: Mr47211. Zbl 1172.54324.
13. **R.C.Dimri,** V.B. Chandola and Shiv Prasad: Some fixed point theorems for expansion type mappings in Menger spaces, J. Mountain Res. 1, 2006, 81-85.
14. M.C.Joshi, L.K. Joshi **and R.C.Dimri**: Fixed point theorems for multivalued mapping in symmetric spaces, Demonstratio Mathematica, 30(1), 2007 733-738: Mr2360431, zbl 1139.54325.
15. B.D.Pant, **R.C.Dimri** and N.S. Gariya: Related fixed point theorems on two Menger spaces, Natur. Phys. Sci., 21(1) 2007, 37-44:MR2721881.
16. **R.C.Dimri** and N.S.Gariya: A common fixed point theorem in Menger spaces Jnanabha, 37(2007), 77-82:MR2664279.
17. **R.C.Dimri**, B.D.Pant and Sunil Kumar: Fixed points of a pair of non-surjective expansion mappings in Menger spaces. Universitatea Din Bbacau Studii Si Cercertari Stiintifice, Seria: Mathematica, Nr. 18, 2008,55-62: MR2523815,zbl pre05626061.
18. Amit Singh**, R.C.Dimri** and U.C.Gairola: A fixed point theorem for near-hybrid contraction, J. Nat. Acad. Math., 22, 2008, 11-22 , MR2650417 zbl pre05717025.
19. Shiv Prasad**, R.C.Dimri** and M.S.Rawat: Bulk queueing model with vacation and non-identical servers, J. Mountain Res., 3, 2008, 119-132.
20. Amit Singh and **R.C.Dimri:** Common fixed point theorem for pair of multivalued mappings satisfying the Ishikawa type iteration, Inter. Trans. Math.Sci. & Computer, 2(2), 2008,333-338.
21. Amit Singh, **R.C.Dimri** and Smita Joshi: Some fixed point theorems for pointwise R-Weakly commuting Hybrid mappings in metrically convex spaces, Armenian Journal of Mathematics, 2(4), 2009,135-145: MR2576563.
22. **R.C.Dimri**, V.B. Chandola and N.S.Gariya: A common fixed point theorem in generalized fuzzy metric spaces, South East Asian J. Math & Math. Sci., 7(3) 2009, 23-29: MR2571358, zbl 1182.54051.

23. **R.C.Dimri** & Amit Singh: Some fixed point theorems for hybrid pairs of mappings in metrically convex spaces, Shekhar (N.S.) Journal of Mathematics, Vol.1, (2009), 57-66: zbl 1204.54031.
24. Sandeep Bhatt, **R.C.Dimri** and N.S.Gariya: A common fixed point theorem in Menger spaces. Shekhar International Journal of Mathematics, Vol.1 (2009), 11-22.

25. Amit Singh and **R.C. Dimri**: Common fixed point theorems for mappings satisfying the Mann type iterations in Banach spaces, International Transactions in Mathematical Sciences & Computer, Vol. 3, No.1 (2010), 29-36.

26. Amit Singh**, R.C. Dimri** and M.C. Joshi: Coincidence and fixed point theorems for pairs of mappings in symmetric spaces, International Journal of Mathematical Sciences, Vol. 9, No 1-2, (2010), 197-204.

27. Amit Singh and R.C**. Dimri**: On the Convergence of Ishikawa Iterates to a Common Fixed Point for a pair of multivalued mappings in Banach Spaces, International Journal of Math. Sci. & Engg. Appl. Vol. 4, Issue III (2010), 47-54.

28. Amit Singh, **R.C. Dimri** and Sandeep Bhatt: A unique common fixed point theorem for four maps in cone metric spaces, International Journal of Mathematical Analysis, Vol. 3, No. 31 (2010), 1511-1517.

29. **R.C. Dimri**, Amit Singh and Sandeep Bhatt: Common fixed point theorems for multivalued maps in cone metric spaces, International Mathematical Forum, Vol. 5, No. 46 (2010), 2271-2278.

30. Amit Singh and **R.C. Dimri**: On the convergence of Ishikawa iterates to a common fixed point for a pair of nonexpansive mappings in Banach spaces, Math. Moravica, 14 (1) (2010), 113-119.

31. Sandeep Bhatt, Amit Singh and **R.C. Dimri:** A fixed point theorem in cone metric spaces by using the notion of w-distance, International Journal of Math. Sci. & Engg. Appl. Vol. 4, Issue V (2010), 281-289.

32. Sandeep Bhatt, **R. C. Dimri** and Mukesh Sharma: Mappings with a common fixed point in D^*- metric spaces, International Transactions in Mathematical Sciences & Computer, 3, 2(2010), 195-203.

33. Rajeshri Rana **R.C. Dimri** and Anita Tomar: Fixed point theorems in fuzzy metric spaces using implicit relations, Int. Journal of Computer Applications Vol. 8, no. 1, (2010), 0975-8887, 16-21.

34. **R.C. Dimri** and N.S. Gariya: Coincidences and common fixed points in intuitionistic fuzzy metric spaces, Indian Journal of Mathematics, T. Pati Memorial Vol. 52, no. 3, (2010), 479-490.

35. S. Bhatt, **R.C. Dimri** and M. Sharma**;** Mappings with common fixed point in D*- Metric spaces, International Transactions in Mathematical Sciences& Computers, Vol. 3, no. 2, (2010), 195-203.

36. **R.C. Dimri,** Amit Singh and Sandeep Bhatt: Common fixed point theorems for multivalued maps in cone metric spaces, International Mathematical Forum, Vol. 5, No. 46, (2010), 2271-2278.

37. Amit Singh**, R.C. Dimri** and Sandeep Bhatt: A unique common fixed point theorem for four maps in cone metric spaces, International Journal of Math. Analysis, Vol. 4, No. 31, (2010), 1511-1517.

38. Amit Singh and **R.C. Dimri**: A common fixed point theorem through generalized altering distance functions, Kochi Journal of Mathematics, Vol. 6 (2011), 149-157.

39. Amit Singh and **R.C. Dimri**: A common fixed point theorem for a family of mappings in non-archimedean Menger PM-spaces, Journal of Advanced Studies in Topology, Vol. 2, No. 1 (2011), 9-17.

40. Sandeep Bhatt, Amit Singh and **R.C. Dimri**: Fixed point theorems for certain contractive mappings in cone metric spaces, International Journal of Mathematical Archive, Vol. 2, No. 4 (2011), 444-451.

41. Amit Singh, **R.C. Dimri** and Sandeep Bhatt: A common fixed point theorem for weakly compatible mappings in non-archimedean Menger PM-spaces, Mat. Vesnik, Vol. 63, No. 4 (2011), 285-294, MR2825160.

42. Sandeep Bhatt, S. Chaukiyal and **R.C. Dimri**: Common fixed point of mappings satisfying rational inequality in complex valued metric space, International Journal of Pure and Applied Mathematics, Vol. 73, 2(2011), 159-164.
43. Sandeep Bhatt, Shruti Chaukiyal and **R.C. Dimri**: A common fixed point theorem for weakly compatible maps in complex valued metric spaces, International Journal of Mathematical Sciences & Applications,Vol.1, 3(2011), 1385-1389.
44. Sandeep Bhatt Smita Joshi and **R. C. Dimri**: Related fixed points in two fuzzy metric spaces, Antarctica Journal of Mathematics, Vol. 8, 5(2011), 381-386.
45. Sandeep Bhatt, Smita Joshi and **R. C. Dimri:** Some fixed point theorems for a pair of expansion type mappings in Fuzzy metric spaces, International Journal of Mathematical Archive , 2(5), May - 2011, 698-702.

46. Sandeep Bhatt, Amit Singh and **R.C. Dimri**: Fixed point theorems for certain contractive mappings in cone metric spaces, International Journal of Mathematical Archive, 2(4), Apr. - 2011, 444-451.
47. Amit Singh, **R.C. Dimri** and Sandeep Bhatt: A common fixed point theorem for weakly compatible mappings in non-Archimedean Menger PM-spaces, Mathematicki Vesnik, 63, 4(2011), 285-294 .

48. **R.C. Dimri** , Shruti Chaukiyal and Sandeep Bhatt: Approximating common Fixed Point of three-step Iteration for four asymptotically non-expansive Maps in CAT(0) Spaces, Advances in Fixed Point Theory , 2 (2012), No. 4, 464-472.

49. Shruti Chaukiyal, Sandeep Bhatt and **R.C. Dimri**: Fixed Point Approximation by Ishikawa Iteration for Generalized Non-Expansive Mapping, International J. of Math. Sci. & Engg. Appls. (IJMSEA), Vol. 6 No. V (September, 2012), 351-356.

50. Amit Singh and **R.C. Dimri**: Coincidence point theorems for ϕ-contractive type single-valued and multivalued mappings, Journal of Advanced Studies in Topology, Vol. 3, No. 2(2012), 23-28.

51. **R.C. Dimri** and Amit Singh: Coincidences and fixed point theorems for mappings satisfying contractive condition of integral type on d-complete topological spaces, Communications of Korean Math. Soc., 27(4) (2012), 709-720.

52. T.S. Chauhan, **R.C. Dimri** , V. K. Srivastava and I.S. Chauhan; Infinitesimal affine transformations in a Para-Sasakian manifolds, Mathematica Aeterana, Bulgaria, vol. 2, no. 4, (2012), 357-365.

53. T.S. Chauhan, **R.C. Dimri**, V. K. Srivastava and I.S. Chauhan; Conformal Para-Sasakian manifolds, Mathematica Aeterana, Bulgaria, vol. 2, no. 4, (2012), 345-356.

54. T.S. Chauhan, **R.C. Dimri** , V. K. Srivastava and Indawar Singh Chauhan; Recurrence H-curvature Tensors in a Para-Sasakian manifolds, Global Journal of Pure and Applied Mathematics, vol. 8, no. 2, (2012), 125-133.

55. M. Sharma and **R.C. Dimri;** A common fixed point theorem for a sequence of mappings in probabilistic metric spaces, Int. Journal of Math. Analysis, vol. 6, no. 7, (2012), 333-340.

56. Darshana J. Prajati, **R.C.dimri** and Mamta Rani: Generation of Variants of Quadratic Koch Curves and others New Dragons. Journal of Enginnring Vol.9 (2012), ISSN .9733663.

57. **R.C. Dimri** and M. Sharma; A common fixed point theorem for weakly compatible mappings in Menger spaces, Advances in Fixed Point Theory, vol. 3, no. 3, (2013), 493-501.

58. **R.C. Dimri** and M. Sharma; A common fixed point theorem for single and multivalued mappings in Menger spaces, Advances in Fixed Point Theory, vol. 3, no. 2, (2013), 296-305.

59. Amit Singh, Darshana J Prajapati and **R.C. Dimri:** Coincidences and common fixed point theorems of almost generalized contractive mappings in ordered metric spaces, International Journal of Pure & Applied Mathematics, 86 (5) (2013), 779-789.

60. Amit Singh, B. Fisher and **R.C. Dimri**: Some fixed point theorems for certain contractive mappings in G-metric spaces, Math. Moravica 17(1) (2013), 25-37.

61. **R.C. Dimri**, Shruti Chaukiyal and Sandeep Bhatt: Iterative approximation for a family of multivalued quasi non-expansive mappings in uniformly convex Banach spaces", Antarctica Journal of Mathematics, 10(4) (2013), 395-403.

62. **R.C. Dimri,** Shruti Chaukiyal and Sandeep Bhatt: Existence and uniqueness of coupled coincidence point for monotone mappings in partial ordered metric spaces, Journal of Advanced Research in Pure Mathematics,Vol.5(4)(2013),96-104.

63. **R.C. Dimri**, Shruti Chaukiyal and Sandeep Bhatt: Convergence theorems for perturbed Mann iteration of Suzuki-generalized non-expansive mappings in Banach spaces, Journal of Advanced Studies in Topology, Vol.4, No. 1, (2013), 159-162.

64. **R.C. Dimri**, Sandeep Bhatt, Sunny Chauhan and Suneel Kumar: Fixed point theorem in complex valued metric space, Journal of Advanced Research in Pure Mathematics, Vol. 5, Issue. 1, 2013, pp. 1-7.

65. **R.C. Dimri** and Pushpendra Semwal; The existence of best proximity point for a pair of multivalued mappings, **International Journal of Scientific & Engineering Research**, vol. 4, no. 3 (2013)**.**

66. Pushpendra Semwal and **R.C. Dimri**, Existence of coincidence point for a pair of single – valued and multivalued mappings, Mathematica Moravica, vol. 17, no. 2, (2013), 23-28.

67. Pushpendra Semwal and **R.C. Dimri;** Coupled common fixed point theorems for four mixed weakly monotone mappings with twice power type contraction condition, Advances in Fixed Point Theory, vol. 3 no. 4, (2013), 720-734.

68. **R.C. Dimri** and Pushpendra Semwal: Best proximity results for multivalued mappings, International Journal of Math. Analysis, vol. 17 no. 28, (2013), 1355-1362.

69. Pushpendra Semwal and **R.C. Dimri:** Fixed point theorems for a self map on compact metric spaces, Int. Journal of Pure and Applied Mathematics, vol. 92 no. 3, (2014), 381-388.

70. **R.C. Dimri** and M. Sharma: Related fixed point theorem for three Menger spaces, Advances in Fixed Point Theory, vol. 4, no. 1, (2014), 48-59.

71. Pushpendra Semwal and **R.C. Dimri**: A best proximity theorem for generalized Mizogauchi – Takahashi contractions, Global Journal of Math. Analysis, vol. 2, no. 2, (2014), 44-49.

72. Pushpendra Semwal and **R. C. Dimri**: A Suzuki type coupled fixed point theorem for generalized multivalued mappings, Abstract and Applied Analysis, article id 820482, (2014),1-8.

73. Amit Singh **, R.C.Dimri** and Darshana J. Prajapati: Two-step iterative approximation of common fixed points of two nonself asymptotically quasi-nonexpansive mappings. Asian-Europian Journal of Mathematics Vol. 8, No.3 (2015), 1550060, 1-12, MR3396605.

74. Gopi Prasad, **R. C.Dimri** and Pushpendra Semwal**:** Common Fixed Point Theorems for Rational type contraction in partially ordered metric spaces. Journal of Advances in Math. Vol. 11(5), 5266-5275,(2015).

75. **Ramesh Chandra Dimri** and Gopi Prasad: Coincidence theorems for compaparable generalized nonlinear contractions in ordered partial metric spaces, Comm. Korean Math. Soc. 32(2017), No. 2 pp. 375-387.

76. Sudheer Petwal and **R. C. Dimri**: Some fixed point theorems in 0- complete partial ordered metric spaces, Inter. Journal of Pure & Applied Mathematics, 114(4), pISSN1311-8080, eISSN: 1314-3395, 2017.

77. **R. C. Dimri** and Pushpendra Semwal, Approximating fixed point solutions of variational inequalities using explicit iterations for asymptotically nonexpansive semigroup of mappings in banach spaces ,Fixed Point Theory, V.17(2), 503-522, 2017.

78. Gopi Prasad and **R. C. Dimri**: Fixed point theorems for weakly contractive mappings in relational metric spaces with an application, Journal of Analysis, 26, 151-162, 2018.

79. Gopi Prasad and **R. C. Dimri** : Coincidence theorems in new generalized metric spaces under locally g-transitive binary relation, Journal of the Indian Mathematical Society, V.65(3-4), 396-610, 2018.

80. Ayush Bartwal, **R.C. Dimri**, Gopi Prasad, “On Multidimensional Fixed Point Theorems in Ordered V-Fuzzy Metric Spaces", International Journal of Scientific & Technology Research 8(8), (2018), 1196-1203.

81. Gopi Prasad and **R.C. Dimri**: Fixed Point Theorems via comparable mappings in ordered metric spaces, The Journal of Analysis, 27, 1139-1150, 2019.

82. Gopi Prasad and **R.C. Dimri**: Fixed point theorems for weakly contractive mappings in ordered metric spaces with an application, Analysis in Theory and Applications, V.36(2),1-11, 2020.

83. Gopi Prasad, Anita Tomar, **R.C. Dimri**, Ayush Bartwal :Coincidence Theorems via contractive non-Archimedean fuzzy metric spaces, J. Korean Soc. Math. Educ. Ser. B:Pure Appl.Math.,27(4),187-205, 2020.

84. Gopi Prasad, **R.C. Dimri**, Ayush Bartwal, “Fixed Points of Suzuki Contractive Mappings in Relational Metric Spaces", Rendiconti del Circolo Matematico di Palermo Series, 69 (2020), Springer-Verlag ItaliaS.r.I 1347-1358.

85. Ayush Bartwal, **R.C. Dimri**, Gopi Prasad, “Some Fixed Point Theorems in Fuzzy Bipolar Metric Spaces”, Journal of Non Linear Sciences and its Applications, 13(4) (2020), 196–204.

86. A. Bartwal, **R.C. Dimri**, S. Rawat, “Fixed point results via altering distance functions in relational fuzzy metric spaces with application,” Mathematica Moravica, vol. 25, no. 2, (2021) 109–124.

87. G. Prasad, **R.C. Dimri**, S. Kukreti, "Fixed Points Of Set-Valued Mappings In Relational Metric Spaces". Journal of the Korean Society of Mathematical Education Series B: Pure and Applied Mathematics, 28(3), 253–266 (2021).

88. Shivam Rawat, **R.C. Dimri**, Ayush Bartwal, "F-Bipolar metric spaces and fixed point theorems with applications", Journal of Mathematics and Computer Science, 26(2),, 184—195,2022).

89. I. Beg, A. Bartwal, S. Rawat, **R.C. Dimri**, "Best proximity points in noncommutative Banach spaces". Computational and Applied Mathematics 41, 41 (2022).

90. S. Rawat, S. Kukreti, **R.C. Dimri**, "Fixed point results for enriched ordered contractions in noncommutative Banach spaces". The Journal of Analysis 30, 1555–1566 (2022).

91. G. Prasad, **R.C. Dimri**, "Fixed Point Theorems for Weakly Contractive Mappings in Ordered Metric Spaces with an Application". Analysis in Theory and Applications. 38, (2022), 232-242.

92. D.J. Prajapati, S. Rawat, A. Tomar, M. Sajid, **R.C. Dimri**, "A Brief Study on Julia Sets in the Dynamics of Entire Transcendental Function Using Mann Iterative Scheme". Fractal and Fractional , *6*, 397(July 2022).

93. Ayush Bartwal, Junaid Ahmad, **R.C. Dimri**, Gopi Prasad, Ebenezer Bonyah, "On Some New Common Fixed Point Results for Finite Number of Mappings in Fuzzy Metric Spaces", Advances in Mathematical Physics, vol. 2022, Article ID 1550332, (2022).

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