

CURRICULUM VITAE

1. Name: Dr. Sandeep Bhatt
2. Designation: Assistant Professor in Mathematics
3. Address for Corresponding: Assistant Professor in Mathematics,
GBPIET Pauri Garhwal – 246194,
Uttarakhand, India



E-mail: drbhattsandeepmaths@gmail.com

Contact number: 07895623945

Qualification:

Year	Degree/Certificate	University/Board
2011	Ph.D.	H.N.B.G.U. Srinagar (Garhwal)
2006	M.Sc.	H.N.B.G.U. Srinagar (Garhwal)
2003	B.Sc.	H.N.B.G.U. Srinagar (Garhwal)

Academic Prizes/Honors/Awards:

(1) Best Teacher's award, 2017

Teaching Experience: 07 Years

Fellowship: UGC Fellowship (RFSMS) from 23 September 2008 to
31 October 2010.

Life Membership: (1) Ramanujan Mathematical Society.

(2) Indian Mathematical Society.

(3) Indian Society of Mathematics and Mathematical sciences.

LIST OF PUBLICATIONS

- [1] 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.
- [2] 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, [MR2672830](#).
- [3] 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, [MR2777308](#).
- [4] 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.
- [5] 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 Mathematical Sciences and Engineering Applications, Vol. 4, No. V (December 2010), 281-285, [MR2777308](#).
- [6] Amit Singh, R.C. Dimri and Sandeep Bhatt: A common fixed point theorem for weakly compatible mappings in non-Archimedean Menger PM-spaces, MATEMATIČKI VESNIK, 63, 4(2011), 285-294, [MR2825160](#) .
- [7] Amit Singh and Sandeep Bhatt: A Common fixed point theorem for a family of hybrid pairs of mappings in fuzzy metric spaces, International Electronic Journal of Pure and Applied Mathematics, Vol.3, No. 2(2011), 129-138.
- [8] Amit Singh, Sandeep Bhatt and Shruti Chaukiyal: A unique common fixed point theorem for four maps in non-Archimedean Menger PM-spaces,

International Journal of Mathematical Analysis, Vol. 5, 2011, No. 15, 705-712, [MR2804625](#).

- [9] 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, Page: 444-451.
- [10] 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, Page: 698-702.
- [11] 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.
- [12] 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 and applications, Vol.1, 3(2011), 1385-1389, [MR2844589](#).
- [13] 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, [MR2933952](#) .
- [14] Sandeep Bhatt, Pankaj Mishra & Shruti Chaukiyal: Related fixed points in three fuzzy metric spaces, Int. J. Sci. Tech.& Management, Vol.2, 3(2011), 60-66.
- [15] Sandeep Bhatt and Smita Joshi: Coincidences and fixed points in intuitionistic fuzzy metric spaces, ACTA CIENCIA INDICA, Vol. XXXVIII M, No.2, 323 (2012).
- [16] Sandeep Bhatt, Brian Fisher and Shruti Chaukiyal: Mappings with a Common fixed point in Generalized D*-Metric Spaces, Mathematica Moravica, Vol. 15 -1 (2011), 7-16.

- [17] 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), pp. 351-356.
- [18] 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.
- [19] 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.
- [20] Sunny Chauhan, Sandeep Bhatt and Neeraj Dhiman: Some Fixed Point Results in Menger Spaces, *Advances in Fixed Point Theory*, 2 (2012), No. 4, 452-463.
- [21] Shruti Chaukiyal and Sandeep Bhatt: Some Fixed Point Results in Integral Type, *Antarctica Journal of Mathematics*, vol.10 (1) (2013), 39-45).
- [22] 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.
- [23] 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.
- [24] 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.

- [25] Sunny Chauhan, B. D. Pant and Sandeep Bhatt: Fixed Point Theorems for Weakly Compatible Mappings in Intuitionistic Fuzzy Metric Spaces, Gazi University Journal of Science, 26(2) (2013), 173-179.
- [26] Shruti Chaukiyal, Sandeep Bhatt and M.S.Bisht: Existence of common fixed point for weakly commuting maps in orbitally complete metric spaces, International Journal of Mathematica, 1(1)(2014),1-4.
- [27] Arvind Bhatt, Sandeep Bhatt & Shruti Chaukiyal: Common coupled fixed point theorems in metric spaces with w- distance, Indian Journal of Applied Research, Vol.4 (9), 2014, 566-569.

BOOKS

1. Some Results on Fixed and Common Fixed Points in Nonlinear Analysis, Lambert Academic Publishing, Germany, ISBN 978-3-8454-3581-7.
2. Engineering Mathematics-I, Anand, Publication, ISBN: 978-93-82975-41-0.

LIST OF CONFERENCES/ WORKSHOPS/ SEMINARS

- [1] Presented a paper entitled “Mappings with a common fixed point in D^* -metric spaces” in National Conference on ‘Recent Trends in the Advancement of Astronomy and Applied Mathematics,’ held in Department of Mathematics, SGRR (PG) College, Dehradun, from November 14-15, 2009.
- [2] Attended a regional seminar on “Intellectual property and innovation management in knowledge era” organized by National Research Development Corporation (NRDC), held in Srinagar (Garhwal) on 27 November, 2009.
- [3] Attended 2nd National seminar on “Recent Trends in Advancement of Mathematical and Physical Sciences”, held in Department of Mathematics, D. N. College, Merrut, U. P. on 30-31 January 2010.
- [4] Attended 2nd Rashtriya Yuva Vaigyanik Sammelan-2010’ held in Doon University, Dehradun on February 6-7, 2010.

- [5] Presented a paper entitled “Fixed point theorems for certain contractive mappings in cone metric spaces” in ‘Pre-International Congress of Mathematicians 2010 Workshop’ held in D.S.B. Campus, Kumaun University, Nainital on March 26-27, 2010.
- [6] Presented a paper entitled “A fixed point theorem in cone metric spaces by using the notion of w-distance” in ‘National Conference on Nonlinear Analysis and Applications’ held in Department of Mathematics, campus Pauri (Garhwal), on June 5-7, 2010.
- [7] Attended “Advanced Training Programme in Functional Analysis – 2009” held in Department of Mathematics, Banaras Hindu University, Varanasi (BHU), on 21st June – 3rd July- 2010.
- [8] Presented a paper entitled “Fixed point theorems for certain contractive mappings in cone metric spaces” in ‘International Congress of Mathematicians-2010’ (ICM-2010) held in Hyderabad University on August 19-27, 2010.
- [9] Presented a paper entitled “A Common fixed point theorem in Menger spaces” in ‘5th Uttarakhand State Science & Technology Congress - 2010’ held in Doon University on November 10-12, 2010.
- [10] Presented a paper entitled “A Unique Common fixed point theorems in Menger spaces” in 3rd National seminar on “Recent Trends in Advancement of Mathematical and Physical Sciences”, held in Department of Mathematics, D. N. College, Meerut, U. P. on 05-06 February 2011.
- [11] Presented a paper entitled “A Unique common fixed point theorem for four maps in Non-Archimedean Menger PM-Spaces” in 8th National Conference on “Multidisciplinary Applications of Mathematical Sciences”, organized by Indian Society of Mathematics and Mathematical sciences (ISMAMS) held in Gorakhpur, U. P. on 19-20 February 2011.
- [12] Presented a paper entitled “A Unique Common fixed point theorems for four maps in cone metric spaces” in National Conference on “Advanced

Mathematics and Its Applications”, held in Department of Mathematics, D.A.V. College, Bathinda (Punjab), on 25-26 February 2011.

- [13] Presented a paper entitled “Coincidences and fixed points in intuitionistic fuzzy metric spaces” in Annual Conference of Vijnana Parishad of India and The Global Society of Mathematics & Allied Sciences, held in School of Basic and Applied Sciences, Shobhit University, Meerut, from March 24-26, 2011.
- [14] Presented a paper entitled “A common fixed point theorem for weakly compatible mappings in Non-Archimedean Menger PM-Spaces” in International Colloquium on History of Mathematical Sciences & Symposium on Non-Linear Analysis organized by Department of Mathematics, Kumaun University, S.S.J. Campus, Almora & Indian Society for History of Mathematics from May 16-19, 2011.
- [15] Presented a paper entitled “A common fixed point theorem in cone metric spaces” in 13th International conference of the International Academy of Physical Sciences organized by University of Petroleum and energy Studies, Dehradun from June 14-16, 2011.
- [16] Presented a paper entitled “Some fixed point theorems for a pair of expansion type mappings in fuzzy metric spaces” in National conference on role of Mathematical and Physical Sciences in Engineering and technology organized by Government Degree College Karanpryag (Chamoli), from October 21-22, 2011.
- [17] Presented a paper entitled “A common fixed point theorem in complex valued metric space” in National Seminar on Advances in Mathematics: Historical Developments and Engineering Applications organized by Indian Society for History of Mathematics, from January 09-11, 2012.
- [18] Presented a paper entitled “Some Fixed Point Results in Integral Type” in National seminar on “Recent Trends in Advancement of Mathematical and

Physical Sciences”, held in Department of Mathematics, D. N. College, Meerut (U. P.) on 17-18 March 2012.

- [19] Attended “Workshop on Algebra and Number Theory -2012” held in Department of Mathematics, SSJ Campus Almora, on 22 March, 2012 to 24 March, 2012.
- [20] Presented a paper entitled “Common fixed point theorems for multivalued maps in cone metric spaces” in National Conference on “Mathematical Analysis & Modelling ”, held in SRM University, NCR Campus, Modinagar Ghaziabad on 30-31 March 2012.
- [21] Attended “ALMORA MATHEMATICAL SURVEYS -2012” held in Department of Mathematics, SSJ Campus Almora, on 03 October, 2012 to 06 October, 2012.
- [22] Attended “27th ANNUAL CONFERENCE OF RAMANUJAN MATHEMATICAL SOCIETY” held in Department of Mathematics, Shiv Nadar University, Delhi, on 20 October, 2012 to 23 October, 2012.
- [23] Presented a paper entitled “Fixed point theorem in complex valued metric spaces” in National conference on role of Mathematics and its Applications in development of Science and technology organized by Dept. of Mathematics, Govt. P. G. College ,Lansdowne (Jaiharikhal), Pauri Garhwal, Uttarakhand, from March 21-22, 2013.
- [24] Attended TEQIP Sponsored Short Term Course on “Eco-Technology for sustainable Development” held in department of ASH/BT/CE, GBPEC Pauri Garhwal on 21 Oct. 2013 to 25 Oct. 2013.
- [25] Presented a paper entitled “Existence and uniqueness of coupled coincidence points for monotonic mappings in partially ordered metric spaces” in National Symposium on Mind, Matter and Mathematics: A Dialogue, held in HNBGU Campus Badshahi Thaul Tehri Garhwal on 12-14 March 2014.

- [26] Attended TEQIP Sponsored National Conference on “Technological Revolution in Electrical Engineering 2014” held in department of Electrical Engineering, GBPEC Pauri Garhwal on 22-23 May, 2014.
- [27] Attended TEQIP Sponsored Short Term Course on “Advancements in Cloud Computing” held in department of Computer science & Applications, GBPEC Pauri Garhwal on 27-31 May, 2014.
- [28] Attended TEQIP Sponsored Short Term Course on “Academic Excellence in Engineering Education” organized by E.S.C.I. Hyderabad at G.B.Pant Engineering College ,Pauri Garhwal, Uttarakhand during 05-06 May 2014.
- [29] Attended National Workshop on “Applied Statistical methods and data analysis with SPSS 22” in Collaboration with SPSS South Asia organized by Department of Business Management, HNBSGU Srinagar, held from 31 July to 01 August 2014.
- [30] Attended TEQIP Sponsored Short Term Course on “Smart Grid Technology” held in department of Electrical Engineering, GBPEC Pauri Garhwal on 22-26 September, 2014.
- [31] Presented a paper entitled “Some Fixed Point Results in Menger Spaces” in RAMMSA 2016 & Symposium on Fixed Point Theory and Applications, held in HNBSGU Campus Pauri (Garhwal) on 10-12 November 2016.
- [32] Attended TEQIP Sponsored Seminar on “Recent Trends in Electrical Engineering with Emphasis on Renewable Energy”, held in Department of Electrical Engineering, G. B. Pant Institute of Engineering and Technology Pauri Garhwal on 16-17 November 2017.
- [33] Attended TEQIP Sponsored One Week Short Term Course on “Digital Image Processing & its Applications”, held in Department of Computer Science and Engineering, G. B. Pant Institute of Engineering and Technology Pauri Garhwal on 20-24 December 2017.

- [34] Attended One Week National Workshop on “Nonlinear Functional Analysis and its Applications”, held in Department of Mathematics, Graphic Era (Deemed to be University), Dehradun, Uttarakhand on 19-24 February 2018.

Date:

(Dr. Sandeep Bhatt)