

Faculty Detail

1. Name: Dr. Shailesh Dhar Diwan
2. Present Post held: Associate Professor
3. Institute: Government Engineering College, Raipur
4. Date of Birth: 14-09-1975
5. Academic Qualifications:

S. No.	Degree	Subject	Division	University	Year
1	B.Sc.	Mathematics, Physics, Chemistry	Ist	Pt. R.S.U., Raipur	1992
2	M.Sc.	Mathematics	Ist	Pt. R.S.U., Raipur	1995
3	Ph.D.	Mathematics		Pt. R.S.U., Raipur	2008

6. Teaching Experience:

S. No.	Name of Institute	From	To
1	Shri Shankaracharya College of Engg. & Tech., Bhilai	12/07/2001	09/07/2010
2	Shri Shankaracharya Group of Institutions, Bhilai	10/07/2010	30/09/2014
3	Sant Guru Ghasidas Govt. PG College, Kurud, Dhamtari	01/10/2014	02/07/2016
4	Government Engineering College, Raipur	04/07/2016	Till date

7. Research Publications:

Papers Published in National/International Journals	32
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8. Number of Ph. D. Thesis Supervised: 05 awarded

Publications

1. Manoj Kumar Chande, Rajlaxmi Gupta and S. D. Diwan, New Algorithm for Blockchain Based on Elliptic Curves Digital Signature, International Journal of Technology, Vol. 10, No. 1, 93-96, 2020, DOI: [10.5958/2231-3915.2020.00018.8](https://doi.org/10.5958/2231-3915.2020.00018.8)
2. Pranjali Sharma and S. D. Diwan, Common Fixed Point Results in Fuzzy Metric Spaces with Applications in Dynamic Programming, i-manager's Journal of Mathematics, Vol. 9, No. 1, 38-48, 2020, ISSN 2277-5137.

3. A. Das, S. D. Diwan and S. Dashputre, Strong convergence of three step iteration process for nonexpansive and strongly pseudocontractive mappings, *Electronic Journal of Mathematical Analysis and Applications* Vol. 8(1) Jan. 2020, pp. 130-139 ISSN: 2090-729X(online) <http://math-frac.org/Journals/EJMAA/>.
4. P. Mishra and S. D. Diwan, A Modified Viscosity Implicit Rule for a Variational Inequality Problem and a Uniformly L-Lipschitzian Asymptotically Pseudocontractive Mapping in a Banach Space Operator. *Malaya Journal of Matematik*. Vol. 7, No. 2, 659-668, 2019.
5. P. Mishra and S. D. Diwan, A Strong Convergence Theorem for $H(\cdot, \cdot)$ ϕ - η accretive Operator Using Proximal Point Algorithm, *Malaya Journal of Matematik*, Vol. 7, No. 2, 192-205, 2019 <https://doi.org/10.26637/MJM0702/0010J>.
6. A. Das and S. D. Diwan, Strong convergence theorems for multivalued α -demiccontractive and α -hemicontractive mappings, *Malaya Journal of Matematik*, Vol. 7, No. 1, 1-6, 2019 <https://doi.org/10.00000/MJM0701/0001>
7. A. Das, S. D. Diwan and S. Dashputre, Strong and δ -convergence theorems using modified proximal point algorithm in $CAT(0)$ spaces, *i-manager's Journal on Mathematics*, Vol. 7 | No. 2 | April - June 2018.
8. A. Das and S. D. Diwan, Strong convergence of the one step implicit iteration for α -demiccontractive mappings, *Malaya Journal of Matematik*, Vol. 6, No. 4, 807-810, 2018 <https://doi.org/10.26637/MJM0604/0016>.
9. K. Kim, R. P. Pathak, S. Dashputre, S. D. Diwan and Rajlaxmi Gupta, Demiclosedness principle and convergence theorems for Lipschitzian type nonself mappings in $CAT(0)$ spaces, *Nonlinear Funct. Anal. & Appl.*, Vol. 23, No. 1(2018), pp. 73-95.
10. S. D. Diwan, A. Das and S. Dashputre, On Mann-type Implicit Iteration Method for a Family of α -demiccontractive Mappings in Hilbert Spaces, *Annals of Pure and Applied Mathematics*, Vol. 16, No. 2, 2018, 443-450. DOI: <http://dx.doi.org/10.22457/apam.v16n2a22>

11. P. Sharma and S. D. Diwan, Some common fixed point theorems in intuitionistic fuzzy metric spaces using the property (E. A), Global and stochastic analysis. Vol. 4(1) 2017, 23-34. Elsevier's SCOPUS indexed, UGC approved. ISSN 2248-9444.
12. J. K. Kim, R. P. Pathak, S. Dashputre, S. D. Diwan and Rajlaxmi Gupta, Convergence theorems for generalized nonexpansive multivalued mappings in hyperbolic spaces, SpringerPlus, 5:912, (2016). DOI 10.1186/s40064-016-2557-y. ISSN 2193-1801
13. S. D. Diwan, A. K. Thakur and Hiral Raja (2016), Common fixed point theorems in metric spaces satisfying an implicit relation, Advances in Fixed Point Theory, 6(2016), No. 2, 167-174. ISSN: 1927-6303.
14. P. Sharma and S. D. Diwan, Some common fixed point theorems in fuzzy metric spaces for sequence of self mapping the property (E. A), Annals of pure and Applied Mathematics, 12(2) 2016, 177-184. Indexed in Mathematical review, ISSN 2279-087X (P), 2279-0888(online).
15. P. Sharma and S. D. Diwan, Common Fixed Point Theorems for Two Pairs of Weakly Compatible Mappings in Fuzzy Metric Spaces using (CLR_{ST}) Property, IOSR Journal of Mathematics, 12(6) 2016, 66-71. Indexed in Proquest, Mathematical review. e-ISSN: 2278-5728, p-ISSN: 2319-765X.
16. P. Sharma and S. D. Diwan, Some coupled fixed point theorems in M-fuzzy metric spaces using the common (E. A) property, JMAT(imanager's journal on mathematics). 5(4) 2016, 20- 29. ISSN 2277-5129(P), 2277-5137(O).
17. P. Sharma and S. D. Diwan, Some Common Fixed Point Theorems in Fuzzy Metric Spaces using the CLR_g Property, JMAT(imanager's journal on mathematics), 5(2) 2016, 45-53. ISSN 2277-5129(P), 2277-5137(O).
18. P. Sharma and S. D. Diwan, Common fixed points in intuitionistic fuzzy metric space, JMAT(imanager's journal on mathematics), 5(3) 2016, 32-40. ISSN 2277-5129(P), 2277-5137(O).

19. S. D. Diwan, A. K. Thakur and Hiral Raja (2016), Fixed point of Expansion mapping Fuzzy Menger space with CLR's property, International Journal of Innovation in Science and Mathematics, Vol. 4, Iss. 4, pp. 143-145.
20. S. D. Diwan, A. K. Thakur and Hiral Raja (2016), Common fixed point theorem of Integral type in Menger probabilistic metric spaces, International Journal of applied Sciences and Mathematics, Vol. 3, Iss. 4, pp. 153-156.
21. S. D. Diwan, A. K. Thakur and Hiral Raja (2016), Common Fixed Points of Four Mapping in Metric Spaces, International Journal of Science and Research (IJSR), Vol. 5, Iss. 5, May 2016, pp. 2089-2092.
22. R. P. Pathak, S. Dashputre, S. D. Diwan and Rajlaxmi Gupta, On Noor-type iteration schemes for multivalued mappings in CAT(0) spaces, Fixed Point Theory and Applications (Springer), 2015:133, (2015). DOI 10.1186/s13663-015-0380-8. ISSN 1687-1812
23. J. K. Kim, R. P. Pathak, S. Dashputre, S. D. Diwan and Rajlaxmi Gupta, Fixed Point Approximation of Generalized Nonexpansive Mappings in Hyperbolic Spaces, International Journal of Mathematics and Mathematical Sciences, Vol. 2015, Article ID 368204, 6 pages, (2015). <http://dx.doi.org/10.1155/2015/368204>. ISSN 1687-0425
24. R. P. Pathak, S. Dashputre, S. D. Diwan and Rajlaxmi Gupta, Strong and delta-convergence theorems for total asymptotically nonexpansive mappings in hyperbolic spaces, Global Journal of Pure and Applied Mathematics, Vol. 11 no. 6, 5175-5193, (2015). ISSN 0973-9750
25. R. P. Pathak, S. Dashputre, S. D. Diwan and Rajlaxmi Gupta, Convergence and stability theorems for a faster iterative scheme for a general class of contractive like operators, J. Math. Comput. Sci., no. 5, 728-736, (2015). ISSN 1927-5307
26. P. Sharma and S. D. Diwan, Some Common Fixed Point Theorems in Intuitionistic Fuzzy Metric Spaces using the CLR_g Property, International journal of computer science and technology (IJCST) 6(4) 2015, 249 -252. ISSN : 0976-8491 (Online) | ISSN : 2229-4333 (Print).

27. Hiral Raja, S. D. Diwan and A. K. Thakur (2015), Some Generalization on Fixed Point Theorems Related to Product of Fuzzy Metric Spaces, Published in International Journal of Innovative Research in Science, Engineering and Technology, Vol. 4, Iss. 8, pp. 6817-6820.
28. S. D. Diwan, A. K. Thakur and Hiral Raja (2015), Some Generalization on Fixed Point Theorems Related to Product of 3-Fuzzy Metric Spaces, Published in International Journal of Innovative Research in Science, Engineering and Technology, Vol. 4, Iss. 8, 2015, pp. 7571-7574.
29. Hiral Raja, S. D. Diwan and A. K. Thakur (2015), Fixed Point Theorems Related to Fuzzy-2 Metric Spaces, Published in International Journal of Advance Foundation and Research in Science and Engineering (IJAFRSE), Vol. 2, Issue 4, 2015, pp. 6-12.
30. S. D. Diwan and Rajlaxmi Gupta, A Common Fixed Point Theorem for Gregus Type Mappings, Thai Journal of Mathematics, Vol. 12 no. 1, 103-112, (2014). ISSN 1586-0209.
31. J. K. Kim, S. Dashputre and S. D. Diwan, Approximation of common fixed points of nonself asymptotically nonexpansive mappings, East Asian Mathematical Journal, Vol. 25(1), (2009), 179-196.
32. S. Dashputre and S. D. Diwan, On the convergence of Noor iteration process for Zamfirescu mapping in arbitrary Banach spaces, Nonlinear Functional Analysis and Applications, Vol. 14(1), (2009), 143-150.

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