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Research & Development Profile

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International Journal Publication Papers:

1. *Periodic points of rational inequality in a complex valued metric space.* Murthy, P. P.; **Kewat, R.;** Filomate, 2017, 31:7, 2143 – 2150. (Impact factor: **0.638). (SCI Journal)**

2. *A Coupled Coincidence Point Theorem in Multiplicative Metric Spaces,* Murthy, P. P.; K.; Rashmi; Recent Advances in Fixed Point Theory and Applications Dedicated to the Diamond Jubilee Birth Anniversary of Shyam Lal Singh, Nova Science Publishers, Inc. USA, www.novapublishers.com 2017.

3. *Sub – compatible maps, weakly commuting maps and common fixed points in cone metric spaces.* Murthy, P. P.; Tas, K.; Rashmi; Mishra, L. N.; Ser. a: Appl. Math. Inform. And Mech., 2016, Vol. 8, No. 2, 139 – 148.

4. *Tripled coincidence point theorem for compatible maps in fuzzy metric spaces.* **Murthy, P. P.; Rashmi**; **Mishra, V. N.; Electronic Jounal of Mathemtical Analysis and Applications, 2016, Vol. 4, No. 2, 96 – 106.** http://fcag-egypt.com

5. *Best proximity points in non-archimedean fuzzy metric spaces.* Murthy, P. P.; **Kenvat, R**.; FACTA UNIVERSITATIS (NIˇS), Ser. Math. Inform. , 2015, Vol. 30, No 4, 479–488.

6. *n-Tupled Fixed Points Theorem in Fuzzy Metric Spaces with Application.* Murthy, P. P.; **Rashmi;** Advances in Fuzzy Systems, 2015, vol. 2015, 12 pages. ([Scopus Journal](#))

7. *Fixed point theory for generalized (φ, ψ)-weak contractions involving f-g reciprocally continuity.* Mishra, U.; **Rashmi**; Nashine, H. K.; Indian Journal of Mathematics Special Volume Dedicated to Professor Billy E. Rhoades, 2014, Vol. 56, No. 2.

8. *Fixed points of nonlinear contraction.* Murthy, P. P.; Vara Prasad, K. N. V. V.; **Rashmi**; Adv. Fixed Point Theory, 2013, 3, No. 4, 600-607. http://scik.org

9. *A Common Fixed Point Theorem for Four Self Mappings in Fuzzy Metric Spaces.* Sreedhar, C.; **Rashmi**; Gaur, D. N.; International Journal of Mathematics and Scientific Computing, 2013, Vol. 3, NO. 1.

10. *A Common Fixed Point Theorem of Presic Type for Three Maps in Fuzzy Metric Space.* Murthy, P. P.; **Kenvat, R.;** Annual Review of Chaos Theory, Bifurcations and Dynamical Systems, 2013, Vol. 4, 30- 36, www.arctbds.com.

11. *Generalized (ϕ, Φ)-weak contractions involving $(f, g) $ -reciprocally continuous maps in fuzzy metric spaces.* Murthy, P. P.; Mishra, U.; **Rashmi**; Vetro, C.; Annals of Fuzzy Mathematics and Informatics, 2013, Vol. 5, No. 1. 45 – 57.

12. *Tripled Common Fixed Point Theorems For w-Compatible Mappings in Ordered Cone Metric Spaces.* Murthy, P. P.; **Kenvat, R.;** Advances in Fixed Point Theory, 2012, Vol. 2, No. 2, 157- 175.

13. *Common Fixed Point of Absorbing Mappings Satisfying Lipschitz Type Contractive Condition.* Mishra, U.; Pathak, R. P.; **Rashmi;** International Journal of Pure and Applied Mathematics, 2012, Vol. 77 No. 2. 245 – 253.(Scopus Journal)

14. *Common Fixed Points for Integral Type Contractive Condition in a Menger Space.* Murthy, P. P.; Khan, M. S.; Kumar, S.; Tas, K.; **Rashmi**; International Journal Of Mathematics And Scientific Computing , 2012, Vol. 2, NO. 1.

15. *Fixed Point Theorems in Compact Metric Spaces.* Sreedhar, C.; **Rashmi**; Bull. Pure. Appl. Math. 2012, Vol. 6, No. 1, 139 - 141.

International Conference :

1. International Conference on Advances in Pure & Applied Mathematics at Government College, Haripur (Manali), Himachal Pradesh from March '7-9, 2014. (Paper presented).

National Conference Papers:

1. National conference on Mathematical Modeling and computer simulation at IT BHU, Varanasi from March '25 – 27, 2011.
2. National conference on Mathematical Modelling and computer simulation at IT BHU, Varanasi from March '23 – 25, 2012.(paper presented)
3. National Conference on Technical Revolution-2017, APCOER, Pune, from February '16 – 17, 2017. (Paper presented).
4. National conference on "Fractional calculus & Fractional differential equations", at Savitribai Phule Pune University, Pune, from November '6 – 8, 2017.
5. Elsevier connect seminar at Hotel pride, Pune, 8th November 2017.

Workshop/STTP:

Sr. No.	Name of STTP Program/Workshop	Place/Institute Name	No. of Days	Month & Year
1	National workshop on semi graph	College of Engineering pune ,Pune	4	June '4 – 7' 2010.
2	Annual foundation school in Mathematics – I	IISER, Pune	27	December '5 – 31, 2011.
3	Short – term course in the How to write research paper and research project	Guru Ghasidas Vishwavidyalaya, Bilaspur (C. G.)	3	February '23 – 25, 2012.
4	State level workshop on latex language and mathematical modeling	B. C. S. Govt. P. G. College. Dhamtari (C.G.)	2	Dec '8 – 9' 2012.
5	One day workshop on "How to draft a research proposal"	APCOER, Pune	1	31st August 2017.
6	One week FDP Program on "R" language	IT department, NBN Sinhgad School of Engineering in association with spoken Tutorial Project, IIT Bombay	6	4th to 9th May 2020
7	One week FDP on 'Moodle Learning Management System	ABMSP's Anantrao Pawar college of Engineering, in association with IIT Bombay	6	4th to 9th May 2020
8	4 Days FDP on "Research, Funding projects & IPR"	K. C. College of Engineering and	4	7th to 10th May 2020

		Management Studies and Research, Thane		
9	8 Days FDP on Scilab Training	Department of Computer Engineering, Indira college of engineering and management, Pune in association with IIT Bombay spoken Tutorial.	8	7th to 14th May 2020
10	"STTP on Matlab based Teaching - Learning in Mathematics, Science & Engineering"	Department of Electronics Engineering, Ramrao Adik Institute of Technology, Nerul, Navi Mumbai.	5	18th to 22nd May 2020