

# RESUME

**DR. UMA DEVI PATEL**

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## EDUCATIONAL QUALIFICATIONS

\*Guru Ghasidas Vishwavidyalaya, Bilaspur (Central University)

**Ph. D. Pure Mathematics, 2016.**

- Research Topic: 'Some fixed point problems in Metric Space and its related spaces for different Contractions'.
- Supervisor : Dr. P. P. Murthy (Associate Professor)

**M. Phil. Mathematics, 2008.**

- Dissertation Topic: 'A study of some results on fuzzy Vector Spaces'.
- Guide : Dr. A. S. Ranadive (Professor)

**M. Sc. Mathematics, 2007.**

- With 80.45% (Gold Medallist)

**B. Sc. Mathematics, Computer Science, 2005.**

- With 71.8% (Secured 10<sup>th</sup> Rank in University Metric List)

12<sup>th</sup> Mathematics, C. G. Board, 2002.

- 83.1 %, Govt. Higher Secondary School, Jamanipali, Korba.

10<sup>th</sup> M. P. Board, 2000.

- 76.8 %, Saraswati Shishu Mandir, Pragati nagar, Korba.

## PAPER PRESENTED IN NATIONAL/ INTERNATIONAL CONFERENCES

International - 2, National - 1.

## COMPUTER SOFTWARE SKILLS

Latex, MS. Office (Word, Excel, Power Point), Mat lab, C, C++ etc.

## TEACHING EXPERIENCES

Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh (India).

- Assistant Professor (Regular)  
Department of Pure and Applied Mathematics, From Date 24 Feb. 2020 to till date.
- Assistant Professor (Temporary)  
Department of Pure and Applied Mathematics, From Date 18 July 2017 to 23 Feb. 2020.

Institute of Technology, Korba, CSVTU Chhattisgarh (India).

- Lecturer (Contractual Basis)  
Department of Science and Humanities, From August 2008 to 5 March 2010.

## LIST OF PUBLICATIONS

1. P. P. Murthy and Uma Devi Patel, Common fixed point theorems satisfying a new type of Weak contraction condition on a Saks Spaces, *Advances in Fixed Point Theory*, 7(1) (2017), 118-143.
2. P. P. Murthy and Uma Devi Patel, n-tuples coincidence point theorems for probabilistic  $\psi$ -contractions in Menger spaces, *International Journal of Computational Mathematics* (2016) Hindawi Publication (ISSN: 2356-797C-Print): 2314-856X (Online).  
<http://www.hindawi.com/journals/ijcm>.
3. P. P. Murthy and Uma Devi Patel, Common fixed point theorem of Gregus type  $(\phi, \psi)$ -weak Contraction for R-weakly commuting mappings in 2-metric spaces, *Journal of Operators* vol. 2015, Article ID 195731.  
(ISSN: 2314-5064- Print); 2314-5072(Online).  
<http://www.hindawi.com/journals/joper/>.
4. P. P. Murthy, Kenan Tas and Uma Devi Patel, Common fixed point theorems for generalized  $(\phi, \Psi)$ -weak contraction condition in complete metric spaces, *Journal of Inequality and Applications* (A Springer Open Journal) (2015:139),1-14.  
DOI 10.1186/s13660-015-0647-y, Impact Factor: 0.77.  
<http://www.journalofinequalitiesandapplications.com>, (SCI Journal). (ISSN: 1029-242X-Print).
5. P.P. Murthy and Uma Devi Patel, Common fixed point theorems using  $(\psi_1, \psi_2, \phi)$ -weak Contraction in partial ordered metric spaces, *Facta Universitatis (Nis) Ser. Math. Inform.* Vol. 30, No.4 (2015), 445-464. (ISSN 0352-9665- Print).  
<http://casppisi.junis.ni.ac.rs/index.php/FUMathInf>.
6. P.P. Murthy, Lakshmi Narayan Mishra and Uma Devi Patel, n-tuples fixed point theorems for weak- contraction in partially ordered complete G-metric spaces, *New Trends in Mathematics Sciences (NTMSCI)* 3(4)(2015,50-75. (ISSN: 2147-5520-Print).
7. P.P. Murthy, Lakshmi Narayan Mishra and Uma Devi Patel, Common fixed point theorems for Generalized quadratic  $(\psi_1, \psi_2, \phi)$ -weak contraction in complete metric spaces, *Appl. Math. Inf. Sci. Letter.* 7, 1- 8(2016). <http://dx.doi.org/10.18576/amisi/AMISL-3-2-2016>.