


Dr.Sarla Chouhan

1. Personal Information			
(i)	Name	Dr.Sarla Chouhan	
(ii)	Qualification	Ph.D.	
(iii)	Designation	Assistant Professor	
(iv)	Email-id	chouhan.sarla81@gmail.com	
(v)	Employee No.	1400673	
(vi)	Department	Department of Applied Mathematics and Computational Science	
(vii)	Experience	16 years	

2. Educational Qualification				
S. No.	Degree	Specialization	Year	University/Board
1	Ph.D	Fixed point theory	2012	Barketullah University Bhopal
2	M.Phil	Mathematics	2006	Barketullah University Bhopal
3	M.Sc	Mathematics	2004	Barketullah University Bhopal
4	B.Sc	Mathematics	2002	Barketullah University Bhopal

3. Research Interests
Fixed point theory

4. Research Paper Publications
(I) International/National Journal Publications
1. A FIXED POINT THEOREM FOREXPANSIVE TYPE MAPPINGSIN CONE METRIC SPACES International Mathematical Forum Ruse 7005,Bulgariapp 891-897 Vol. 6, No. 18, 2011.
2. PROVING FIXED POINT THEOREMS USING GENERAL PRINCIPLES IN CONE BANACH SPACES International Mathematical Forum Ruse 7005,BulgariaVol 6 No 3 pp 115-123 2011.
3. A COMMON RANDOM FIXED POINT THEOREM FOR CONTRACTIVE TYPE MAPPING IN HILBERT SPACE

International Journal of Open Problems in Computer Science and Mathematics, Saudi Arabia pp 262-269 Vol. 4, No. 3 2011.

4. A COMMON UNIQUE FIXED POINT THEOREM FOR FOUR SELF MAPS IN A HILBERT SPACE **International Journal of Open Problems in Computer Science and Mathematics, Saudi Arabia Vol. 4, No. 3 2011.**
5. FIXED POINT THEOREM FOR CONTRACTIVE TYPE MAPPING IN DISLOCATED METRIC SPACE **Journal of Advances in mathematics 2015.**
6. SOME RANDOM FIXED POINT THEOREMS FOR RANDOM MULTIVALUED OPERATORS ON POLISH SPACE **International journal of theoretical and applied science New Delhi Vol. 2(2) pp 38-41 2010.**
7. A COMMON FIXED POINT THEOREM FOR RATIONAL INEQUALITY IN HILBERT SPACE **International Journal of Theoretical and Applied Science Vol 3(1) 23-25 2011.**
8. ON RANDOM FIXED POINT THEOREMS FOR EXPANSIVE CONTRACTIVE TYPE MULTIVALUED OPERATORS IN POLISH SPACE **Journal of Pure Mathematics, Calcutta Vol. 27 pp1-13 2010.**
9. SOME FIXED POINT THEOREMS IN BANACH SPACES **International Journal of Mathematics Research (IJMR) New Delhi, Indi**
10. SOME FIXED POINT THEOREMS USING EXPANSIVE TYPE MAPPINGS IN 2-BANACH SPACE **Advances in Fixed Point Theory 2015.**
11. A COMMON FIXED POINT THEOREM FOR FIVE MAPPINGS UNDER ASYMPTOTIC REGULARITY IN 2-BANACH SPACE **South Asian Journal of Mathematics Vol. 5 (1): 35-41, 2015.**
12. SOME FIXED POINT RESULT IN METRIC SPACES FOR RATIONAL EXPRESSION **Mathematical Theory and Modeling United States Vol.4, No.1 PP 77-84 2014.**
13. A FIXED POINT THEOREM FOR WEAKLY C-CONTRACTION MAPPINGS OF INTEGRAL TYPE **International journal of theoretical and applied science New Delhi 2014.**
14. Application of Linear programming in Nurse Scheduling Problem. **TEST Engineering & Management, Volume 83 page 867-870 2020**

S.No.	Title of Book Chapter/eBook Published	Publisher	ISBN/EISBN	Year of Publication
1	'The investigation of Results of fixed point in Abstract Spaces (Book)	Scholar's Press		Apr-20
2	Millenial Conjumer Behavior(Book Chapter)	Business Science Reference	1799844293	May-20

(II) International/National Conference Publications

- 1. A COMMON FIXED POINT THEOREM FOR RATIONAL INEQUALITY IN 2-BANACH SPACE** National Conference on Applications of Mathematical and Physical Sciences in Engineering at JNCT College 2014.
- 2. SOME COMMON RANDOM FIXED POINT THEOREMS IN POLISH SPACES** International conference on 18 International conference of Gwalior Academy of Mathematical Sciences (GAMS) at MANIT Bhopal pp 1 2013.
- 3. FIXED POINTS OF ASYMPTOTICALLY REGULAR MAPPINGS IN 2-BANACH SPACE** International conference on interdisciplinary research in Engineering, Management, Pharmacy and Science (ICIREMPS) at Sagar College Bhopal pp 59 2014.
- 4. A COMMON UNIQUE FIXED POINT THEOREM FOR TWO EXPANSIVE TYPE RANDOM OPERATORS IN HILBERT SPACE** International conference on Recent advances in Mathematical Sciences and Applications (ICRAMSA) at RGPV Bhopal IC 17 2013.
- 5. ON A COMMON RANDOM FIXED POINT THEOREM** IJCMS, Vol.6 issue 12, Dec. 2017 ISSN 2347-8527 International conference pune.
- 6. SOME FIXED POINT THEOREMS FOR EXPANSIVE TYPE MAPPINGS AND FOR RATIONAL INEQUALITY IN DISLOCATED METRIC SPACE** International conference in LNCT College Bhopal. 12-Feb 2020.

5. List of Conferences/Workshops/Seminars Organized

Large Scale Machine Learning Algorithms 5-june-2020 Webinar.

6. Invited Lectures/Expert Talks/Chairmanships at Conferences

- 1. Numerical Methods, FDP on Pedagogy for effective use of Mathematics in Engineering, IPS Academy, Indore, 18-Sep. 2019**
- 2. FDP on Teaching Discrete Structure: Effective & Appropriate pedagogy, TIT RGPV, Bhopal 6 June 2019**
- 3. National webinar on Recent Advances in Mathematics and its Application Govt. College Baktara 3-june 2020.**
- 4. An Administrative outlook of R& D Projects Sage Group Bhopal 7-June 2020.**
- 5. International Conference on "Role of Mathematics in present scenario" (RMPS-2020) Sage Group 29-Sep 2020.**