


<b>Title</b>		<b>Name</b>	Dr. V. H. Badshah	<b>Photograph</b>
<b>Department</b>	School of Studies in Mathematics			
<b>Designation</b>	Professor & Head			
<b>Address</b>	School of Studies in Mathematics, Vikram University Ujjain.			
<b>Phone- Office</b>	0734-2511229			
<b>Residence</b>	0734-2575178			
<b>Mobile</b>	09827037752, 8989539452			
<b>E-Mail</b>	<a href="mailto:vhbadshah@gmail.com">vhbadshah@gmail.com</a> <a href="mailto:vhbadshah@yahoo.co.in">vhbadshah@yahoo.co.in</a>			

### Educational Qualifications

Degree	Institution	Year
Ph.D.	Vikram University, Ujjain.	1984
PG	Vikram University, Ujjain.	1978
UG	Vikram University, Ujjain.	1973
Other	10 <sup>th</sup> & 12 <sup>th</sup> M. P. Board, Bhopal	1968, 1970

### Career Profile

1. Scientific Research	June 1975- Oct. 1988	Scientific Asstt., Sr. Scientific Asst. & Officer In charge in the Indian Institute of Geo-Magnetism (Observatory Ujjain), Colaba, Mumbai.
2. M.Sc.	July 1981 – Oct. 1984	As a Research Scholar.
3. M.Sc. & M.Phil.	Nov. 1988 – Oct. 1993	Lecturer, S.S. in Mathematics, Vikram Univ., Ujjain (M.P.).
4. M.Sc., M.Phil. & Ph.D.	Nov. 1993 – Oct. 1998	Sr. Gr. Lecturer, S.S. Mathematics, Vikram Univ., Ujjain (M.P.).
5. M.Sc., M.Phil. & Ph.D.	Nov. 1998 – Oct. 2006	Reader, S.S. in Mathematics, Vikram Univ., Ujjain (M.P.).
6. M.Sc., M.Phil. & Ph.D.	Oct. 2006 – Jan. 2010	Professor, S.S. in Maths Vikram Univ., Ujjain (M.P.).

7. M.Sc., M.Phil. & Ph.D.	Jan. 2010 – Till date	Professor & Head, School of Studies in Mathematics, Vikram Univ., Ujjain (M.P.).
<b>Area of Interest/ Specialization</b>		
Functional Analysis, Fixed Point Theory, Mathematical Modeling & Operations Research etc.		
<b>Subjects Taught</b>		
Functional Analysis, Operations Research, Real Analysis, Computer Programming (C & C++).		
<b>Publication Profile</b>		
<b>Research Papers:</b>		
(1)	Analytical Representation of Spatial Temporal Variations of the Geomagnetic field in the Indian Region. Proc. Indian Acad. Sci. (Earth Planet Sci), Vol. No. 1 (1983), 15-30.	
(2)	Fixed point theorem for contractive type in a 2-metric space. The Mathematical Education, Vol. XVIII No. 4 (1983), 9-12.	
(3)	Fixed point theorems for mappings with generalized contractive in a 2-metric space. Jannabha Vol. 15 (1985), 27-32.	
(4)	On common fixed point of commuting, mappings Vikram Mathematical Journal, Vol. V (1986), 13-16.	
(5)	Some common fixed point theorems in a complete metric space. Vikram, Mathematical Journal Vol. VIII (1988), 1-5.	
(6)	A note on common fixed point theorem. Vikram Mathematical Journal Vol. XIII (1993), 29-34.	
(7)	Some fixed point theorem with a contractive iterates, Acta Ciencia Indica. Vol. XXM No. 4 (1994), 333-335.	
(8)	Common fixed point four mappings on menger spaces, Acta Ciencia Indica. Vol. 21 (1995) No. 3 386-390 .	
(9)	Common fixed point and weak** Commuting mappings. Bull. Cal. Math. Soc. Vol. 87 No. 4 (1995), 289-294.	
(10)	On fixed point theorem four mappings with a generalized contractive iterate. The Mathematics Education. Vol. No. XXIX, No. 3 (1995), 156-163.	

- (11) Remarks on a theorem of Barada Ray. *Acta Cienia Indica* 21 (3) (1995) 306-308.
- (12) Common fixed point theorem in complete metric space. *U. Scientist Phyl. Sciences*, Vol. 9 (1997) No. 2, 272-275.
- (13) Generalized Contractive iterate at a point and fixed point theorem. *Acta Ciencia Indica*, Vol XXII M (4) (1997), 267-271.
- (14) Common fixed point theorem for three mappings. *Acta Ciencia Indica*, Vol. XXII M (4) (1997), 273- 275.
- (15) Fixed point theorems in 2-metric space. the *Acta Ciencia Indica.*, Vol. XXIII M (3) (1997), 243-245.
- (16) Compatible mappings and common fixed point for four mappings. *Jounral of Natural and Physical Sciences*, Vol. 11 (1997), 1-12.
- (17) Some fixed point theorems in Banach space. *Vikram Mathematical Journal*, Vol. 17 (1997), 13-18.
- (18) Compatible Mappings and common fixed point for four mappings. *Bull. Cal. Math. Soc.* 90 (1998), 301-308
- (19) A common fixed point with six mappings, *Vikram Mathematical Journal*, Vol. 19 (1999), 31-39.
- (20) Random Fixed Points of Random Multivalued operators on Polish spaces. *Kuwait Journal of Science and Engineering* Vol. 27 (2) (2000), 203-208.
- (21) Generalized Contractions and common fixed point theroms in Hibert spaces *J. Indian Academy Math.* Vol. 23. No. 02 (2001) 267-275.
- (22) Fixed point theroms of weak\*\* commuting mappings. (with Nirmala Gupta) Accepted for publication in *Indian Academy of Mathematics.* (2001)
- (23) Common Random Fixed Points of Random Multivalued operators on Polish spaces. *Indain J.pure appl. Math.* 33 (4) (2001), 573-582.
- (24) Weak\*\* Commuting mappings and common fixed point. *News Bull. Cal. Math. Soc.* Vol. 24 (11 & 12) (2001), 11-20.
- (25) Common Random fixed point Theorems of random multivalued operator. *Varahamihir Journal of Mathematical Sciences*, Vol. 1 (2001), 115-123 .
- (26) Fixed point theroms and multivalued mappings *Acta Ciecia Indica* Vol. XXVIII M. No. 02 (2002), 155-158 .

- (27) A Fixed point theorem for self-maps , Varahamihir Journal of Mathematical Sciences, Vol. 2(2) (2002), 303-306.
- (28) A result on fixed point for self-maps, Vikram Mathematical Journal, Vol. 23 (2003), 1-4.
- (29) A study on fixed points of asymptotically regular mappings, Varahmihir Journal of Mathematical Sciences, Vol. 4 (2) (2004) .
- (30) Common fixed point for multivalued and compatible maps, Proceedings of International Conference on Industrial and Applied Mathematics, Dec. 2004.
- (31) Some random fixed point of random multivalued operators on Probabilistic Metric Spaces, Jhanabha, Vol. 34 (2004).
- (32) Common random fixed points of random multivalued operators on Polish spaces, Journal of Chungcheong Mathematical Society, Korea Vol. 18 No. 1 (2005), 33-40.
- (33) Some Random Fixed Points of Random Multivalued Operators on Probabilistic Polish Spaces, Jnanabha, Vol. 34, 2004, 43-46.
- (34) Generalization of comon fixed point theorems of Nainpally and Singh, Jour. Ultra Scientist of Physical Sciences, 17 (3) Dec. (2005).
- (35) Some results on common fixed points in a D-metric space, J. Math. and Math. Sci., Vol. 20 (2005), 21-30 .
- (36) Common Fixed Point Theorem of an Infinite Sequence of Mappings, Chh. J. Sci. Tech. Vol. 2 (2005), 87-90.
- (37) A Generalization of a Common Fixed Point Theorem, V.M.J. 25 (2005), 119-126.
- (38) Common Fixed Point Iteration Process in Hilbert Space, V.M.J. 25 (2005), 160-165.
- (39) Common Fixed Point Theorems for Four Mappings and Compatible Mappings, Ultra Science Vol. 18(3)M (2006), 397-402.
- (40) Common Fixed Point for Compatible and Multivalued Mappings, V.J.M.S. 6(2), (2006) .
- (41) Semi-Compatibility and Random Fixed Points in Polish Spaces, V.J.M.S. 6(2), (2006).
- (42) A note on fixed point for self-maps, Acta Ciencia Indica, Vol. XXXII M, No. 4 (2006), 1595-1596.
- (43) Random fixed points on Polish spaces using implicit relation, Indian Academy of Mathematics, (Accepted) .
- (44) Common fixed point theorems for a pair of semi-compatible self-maps in sequentially Compact D- metric space ,Journal of Ultra Scientist of Physical Sciences, Vol.20(1)

2008.

- (45) Common Fixed Point for four mappings and compatible Mappings, VMJ, 28(2008),65-72 (2008). (Rakha Jain and Sourabh Jain).
- (46) Common Fixed Point theorem for compatible Mappings, VMJ, 28(2008),139-151 (2008). (Neetu Vishwkarma)
- (47) Random Multivalued Operator and Common Random Fixed Point for six mappings on Polish Spaces, VMJ, 28(2008),185-199 (2008). (OP Gupta).
- (48) Common fixed point for compatible mappings on two Metric Spaces, Journal of Indian Acad. Math., Vol. 31, No. 1, (2009), 23-30.
- (49) Common fixed point theorems in Hilbert Spaces, Ultra Scientist, Vol. 21(2) M, (2009), 439-442.
- (50) Common fixed point theorems for compatible maps and weak compatible mappings, Ultra Scientists Vol.21 (1) M, ( 2009), 123-230.
- (51) Semi compatibility and fixed point theorems for reciprocally continues maps in a fuzzy metric spaces, International Jour. of Mathematical Analysis, (2009).
- (52) Random fixed point theorem of random multivalued operators on Polish spaces, The International conference Ramanujan Rediscovered, (2009).
- (53) Common fixed point of random multivalued Operators on Polish spaces, VJMS, (2009).
- (54) Common fixed point of semi-compatibility maps in fuzzy metric space, ku. Journal of Engg. Sci. and Tech., 2010.
- (55) Fixed point in fuzzy metric spaces for weakly Compatible maps, Int. J. Contemp. Math. Sciences, Vol. 5(3), (2010), 145-151.
- (56) A Fixed point theorem for four weakly Compatible Mapping in Fuzzy Metric Spaces, Int. Journal of Math. Analysis, Vol. 4(6), (2010), 273-278.
- (57) Random multivalued operators and Common fixed point for six mappings on Polish space, Vikram Math. Jour., (2010).
- (58) Compatible mappings and common fixed points, Bull. Cal. Math. Soc., 102,(5), (2010), 457-464.
- (59) A note on common fixed point theorem in Hilbert Space, Material Science Research India, Vol. 7(2), (2010), 515-518.
- (60) Common fixed point theorems in 2-metric spaces, Journal of Ultra Scientist of Physical

- Sciences, Vol 22(3), (2010)
- (61) Common fixed point theorem on Polish spaces, Bull. Pure Applied Math. Vol.4 (1), (2010).
  - (62) Generalization of a Prey-Predatory fishery model with prey reserve, Ultra Scientist, Vol. 23(1) M, (2011), 177-182.
  - (63) A common fixed point theorem for weakly compatible maps, Ultra Scientist, Vol. 23(1) M, (2011), 221-226.
  - (64) Fixed point theorem in Orbit ally complete Hausdorff Uniform Space and Hyper Space, Journal of Indian Mathematical Soc., Vol. 79 (2011), 1-4.
  - (65) A Common Fixed Point Theorem for compatible maps under reciprocal continuity, Bul. Of Pure and App. Maths, Vol. 5(1), 2011.
  - (66) Semi Compability And Fixed Point Theorems For Reciprocally Continuous Maps In Fuzzy Metric Space, Bulletin of Pure and Applied Mathematics, Vol.5,(1) 2011.
  - (67) A Common Fixed Theorems for Compatible mappings satisfying a contractive condition of integral type, Journal of Applied Mathematics (JAM/671393), 2011.
  - (68) A Common Fixed Theorems for  $\alpha$ -Compatible mappings of type(P) in 2-metric space, the Journal of the Indian Academy of Mathematics Vol.33,(2) 2011.
  - (69) A Common Random Fixed Theorems for six Random Operators satisfying a rational inequality , the Journal of the Indian Academy of Mathematics, Vol.34,(1), 301-317, 2012.
  - (70) Generalized Fibonacci-Like Sequence and its Properties, Int. J. Contemp. Math. Sciences, Vol. 7(24), 1155-1164, (2012).
  - (71) Generalization of Multiplicative Fibonacci Triple Sequences, Int. J. Contemp. Math. Sciences, Vol. 7(28), 1357-1362, (2012).
  - (72) Analysis of Steady Blood Flow with Casson Fluid along an Inclined Plane Influenced by the Gravity Force, Int. J. of Theoretical & Applied Sciences, 4(2): 76-81 (2012).
  - (73) Some Results on Fixed Point Theorems for Selfmaps, Ultra Engineer, Vol. 1(2), 143-145, (2012).
  - (74) Mathematical Modeling and Role of Dynamics in Epidemiology, International Journal of Computational Science and Mathematics, Vol. 5(1), 1-10, (2013)
  - (75) Modified Avian Influenza Mathematical Model with Standard Incidence and Vaccination

Strategy, International Journal of Computational and Applied Mathematics, Vol. 8(3), 203-212, (2013).

(76) A Study of Avian Influenza (Bird-Flu) Epidemic with Vaccinated Human Population, International Journal of Mathematical Modeling Simulation and Application, Vol 5(2), 2013.

(77) A Non-linear Mathematical Model with Modified Specific Growth Rate, VMJ, Vol 29, (2009).

(78) A Study on Food Chain Model with Functional Response, International Journal of Applied Computational Science and Mathematics, Vol 3(1), 17-22, 2013.

(79) Non-Unique Fixed point theorem on cone metric space, Advances in fixed point theory, 3(1), 164-173, (2013)

(80) Some Identities Involving Common Factors of Negafibonacci and Lucas Numbers, International Journal Of Physical Sciences, Vol. 25(1)A, 81-84, (2013).

(81) Common Fixed Points of Fuzzy Mappings in Quasi –Pseudo metric space, Published in Reflection des ERA-JMS ISSN 0973-4597 Vol.5 (1) ,53-64, (2013).

(82) Common Fixed Points of Fuzzy Mappings in Complete Quasi –Pseudo metric space, Applied Mathematical Sciences, Vol.7, No32, 1593-1599, ,(2013).

(83) Fixed Point Theorems For Fuzzy Contractive Type Conditions In Quasi –Pseudo Metric Space, International journal of Mathematical Sciences & Engg. Application , ISSN 0973-9424, Vol.7 No 3, 241-251, (2013).

(84) Fixed Point Theorems For Fuzzy Mappings , International journal of Mathematical Sciences & Engg. Application, ISSN 0973-9424, Vol.7(3), 223-230, (2013).

**Books Published:**

*Nil*

**Research Guidance**

**Supervision of awarded Doctoral Thesis:**

Name	Title	Degree	Award Year
1. P.C. Lohani	Fixed point theory and contraction Mappings. <b>Notification No./Conf./ Ph.D./99/1310, dated 05.05.1999. (vf/klwpuk Ø-@xksiuh;@'kks/k@99@1310 fnukad 05&amp;05&amp;1999)</b>	Ph. D.	1998
2. Farkhunda Sayyed	Common fixed point and Multivalued	Ph. D.	2002

	Mappings. <b>Notification No./Conf./Ph.D./229/2002/5038, dated 06.07.2002. (vf/klwpuk Ø-@xksiuh;@ih-,pMh-@229@2002@5083 fnukad 6&amp;07&amp;2002)</b>		
3. Nirmala Gupta	A study of generalized contractions and fixed point theorems <b>Notification No./Conf./Ph.D./ 2002/7030, dated 30.09.2002. (vf/klwpuk Ø-@xksiuh;@ih-,pMh-@2002@7030 fnukad 30&amp;09&amp;2002)</b>	Ph. D.	2002
4. Amir Khan	A study on fixed point theorems and multivalued mapping <b>Notification No./Conf./Ph.D./ 2005/3670, dated 29.04.2005. (vf/klwpuk Ø-@xksiuh;@'kks/k@2005@3670 29&amp;4&amp;2005)</b>	Ph.D.	2005  fnukad
5. Nidhi Shrivastava	Fixed Point Theorems and Contraction Mappings	Ph. D.	2007
6. Shoyeb Ali Sayyed	Fixed Point Theorems and Contraction Mappings on Abstract Spaces <b>Notification No./Conf./Ph.D./ 2008/479, dated 28.01.2008. (vf/klwpuk Ø-@xksiuh;@'kks/k@2008@479, fnukad 28&amp;1&amp;2008 )</b>	Ph. D.	2006
7. Ku. Shweta Gagrani		Ph. D.	2006
8. Gopal Meena	A Study of Fixed Point Theorems in Family of Contraction Mappings. <b>Notification No./Conf./Ph.D./ 2010/1844, dated 26.05.2010. (vf/klwpuk Ø-@xksiuh;@'kks/k@2010@1844 26&amp;05&amp;2010)</b>	Ph. D.	2010  fnukad
9. Om Prakash Gupta		Ph. D.	2010
10. Neetu Vishwkarma		Ph. D.	2010
11. Virendra Singh Chouhan	A Study on Fixed Point Theorem in Fuzzy Metric Spaces <b>Notification No./Conf./Ph.D./ 2011/823, dated 17.05.2011. (vf/klwpuk Ø-@xksiuh;@ih-,pMh-@2011@823 17&amp;05&amp;2011)</b>	Ph. D.	2011  /fnukad
12. Yogita Sharma	Study On common fixed point Theorems and	Ph. D.	2011



	Multivalued operators Notification No./Conf./Ph.D./ 2011/1043, dated 16.06.2011. (vf/klwpuk Ø-@xksiuh;@ih-,pMh-@2011@1043/fnukad 16&06&2011)		
13. Namrta Choudhary (28/09/2011)	A study of degree of approximation of function on Banach spaces Notification No./Conf./Ph.D./ 2011/1977, dated 24.10.2011. (vf/klwpuk Ø-@xksiuh;@ih-,pMh-@2011@1977 /fnukad24&10&2011)	Ph. D.	2011
14. Deepti Sharma (26/11/2011)	A Study of some fixed point theorems on abstract spaces Notification No./Conf./Ph.D./ 2011/2308, dated 07.12.2011. (vf/klwpuk Ø-@xksiuh;@ih-,pMh-@2011@2308 /fnukad07&12&2011)	Ph. D.	2011
15. Raj Kumar Bhimte (15/05/2012)	A Study on fixed point theorems. Notification No./Conf./Ph.D./ 2012/3197, dated 15.05.2012. (vf/klwpuk Ø-@xksiuh;@ih-,pMh-@2012@3197 /fnukad15&05&2012)	Ph. D.	2012
16. Aklesh Pariya (13/09/2012)	A Study on random fixed point theorems	Ph. D.	2012
17. Varsha Joshi		Ph. D.	2012
18. Nayna Kadam (19/03/2013)	Some Mathematical Models in Population Dynamics Notification No./Conf./Ph.D./ 2013/493, dated 19.03.2013. (vf/klwpuk Ø-@xksiuh;@ih-,pMh-@2013@493 /fnukad19&03&2013)	Ph. D.	2013
19. Ku. Rekha Jain (19/03/2013)	A Study of fixed point theorems and Contraction Mappings. Notification No./Conf./Ph.D./ 2013/493, dated 19.03.2013. (vf/klwpuk Ø-@xksiuh;@ih-,pMh-@2013@493 /fnukad19&03&2013)	Ph. D.	2013
<b>Supervision of Doctoral Thesis, under progress:</b>			
1 Mr. Sourabh Jain			
2 Mr. Sunil Prasad			
3 Mr. Pradeep Porwal			
4 Mr. Vijay Prasad			
5 Mr. Chadraprakash Wadhvani			
6 Mr. Hemlata Yadav			
7 Mr. Amit Gupta			
8 Mr. Dinesh Verma			

**Supervision of M.Phil dissertations:**

1. Bharat lal Patidar	Common fixed point theorems.	M. Phil.	1990
2. Dilip Chaudhary	Fixed point theorem for continuous densifying mappings.	M. Phil.	1991
3. Abha Shukla	Common fixed point theorems in Metric spaces.	M. Phil.	1992
4. Rajni Jaswani	Common fixed point theorems in a Probabilistic Metric spaces.	M. Phil.	1992
5. Champa lal Joshi	Compatible maps and weakly commuting mappings.	M. Phil.	1993
6. Zuber Ahmed Qureshi	Commuting mappings and common fixed point theorems in Menger spaces.	M. Phil.	1993
7. Sandeep Vishwakarma	A note on common fixed point.	M. Phil.	1993
8. Zakir H. Dehalvi	A study of compatible mappings and common Fixed points.	M. Phil.	1994
9. Rajshri Gupta	Compatible maps and common fixed points.	M. Phil.	1995
10. Rakesh K. Soni	Generalized contractive iterate at a point and Fixed point theorems.	M. Phil.	1996
11. Bindu, P.P.	Common fixed point of Weak**commuting Mappings.	M. Phil.	1996
12. Amir Khan	Fixed point theorems in Banach spaces.	M. Phil.	1997
13. Sonal Vyas	Random fixed point theorems in polish spaces.	M. Phil.	2002
14. Seema Siddique	Fixed point theorems on probabilistic polish spaces.	M. Phil.	2002
15. Shoyeb Sayyed	Fixed point theorems and multivalued mappings	M. Phil.	2002
16. Ku. Astha Nagar	Fixed point theorems for random operators on Polish Probabilistic Metric Space	M.Phil.	2003
17. Vandana Akela	Multivalued mappings and fixed point theorems	M.Phil.	2003
18. O. P. Gupta	Fixed point theorems in Banach Spaces	M.Phil.	2003
19. Ku. Jyoti Patil	Random Fixed Points of Random Multivalued Operators on Polish Spaces	M.Phil.	2004
20. Nidhi Nirwani	Fixed Point Theorems and Multivalued Mappings	M.Phil.	2004
21. Jitendra Mimrot	Common Fixed Point Theorems	M.Phil.	2004

22.	Mahima Thakur	A fixed point Theorems and Multivalued Operators	M.Phil.	2005
23.	Varsha Rathor	Random fixed Points and Random Multivalued Operators on Polish spaces	M.Phil.	2005
24.	Ku. Neetu Vishwakarma	Random Multivalued Operators and Common Fixed Points	M.Phil.	2005
25.	Varsha Mittal	Random fixed Points and Random Multivalued Operators on Polish spaces	M.Phil.	2006
26.	Mohd. Saddique Khan	Common Fixed Point Theorems	M.Phil.	2006
27.	Ku. Monika Chandrayan	Common Fixed Point Theorem in Polish Space	M.Phil.	2006
28.	Mamta Maher	Fixed Point theorems in Uniform Spaces	M.Phil.	2007
29.	Ku. Manisha Mahadik	Common fixed point theorem in Commuting Mappings	M.Phil.	2007
30.	Namita Soni	Fixed Point Theorems in D- Metric Spaces	M.Phil.	2007
31.	Swati Courasiya	Study on common fixed point in D-Metric Spaces	M.Phil.	2007
32.	Chetna Kothari	Common fixed Point theorems of a sequence of Mappings in Hilbert Spaces	M.Phil.	2007
33.	Deepa Bhawsar	Common fixed point of Compatible Mappings	M.Phil.	2007
34.	Garima Shrivastva	Common fixed point theorems in Hilbert Spaces	M.Phil.	2007
35.	Varsha Joshi	Common fixed point theorems for Compatible maps Under reciprocal Continuity	M.Phil.	2007
36.	Sapna Moghe	A Common fixed theorem for Compatible Maps With asymptotic regularity on Metric Spaces	M.Phil.	2007
37.	Minakshi Koria	Common fixed point of Mappings not satisfying a Contractive condition	M.Phil.	2007
38.	Yogita Sharma	Common random fixed points of random Multivalued Operators on Polish Spaces.	M.Phil.	2007
39.	Shailendra G.	A Generalization of a Random Fixed Point Theorem	M.Phil.	2008
40.	Shraddha Jain	A study on An Extension of laplace-Stieltjes Transform.	M.Phil.	2008

41.	Priya Goyal	Local stability of HIV models of Infected Cell and Free virus.	M.Phil.	2008
42.	Vaishali Sayankar	Common fixed Point Theorems and Contraction Mapping.	M.Phil.	2008
43.	Anurita singh	A study on Lotka-Volterra prey-Predator fishery Problem with their Combined Harvesting.	M.Phil.	2008
44.	Pradeep Porwal	Analysis of Steady Blood Flow with Casson Fluid along an inclined Plane Influenced by the Gravity force	M.Phil.	2008
45.	Sonal KulKarni	A Common Fixed Point In Fuzzy metric Spaces	M.Phil.	2008
46.	Shweta Jain	Epidemiological Model for Typhoid Fever	M.Phil.	2008
47.	Khunsingh Bhuria	Fixed point theorems in Metric Space	M.Phil.	2009
48.	Subhash Mandloi	Common fixed point theorem and Contraction Mappings	M.Phil.	2009
49.	Shweta Deshmukh	Local Stability of HIV Model of Infected Cells incorporating immune system	M.Phil.	2009
50.	Arti Tripathi	Models of Blood flow in Arteries remote from the Heart	M.Phil.	2009
51.	Nazida Sheikh	Comparative Study for Alternative approach to the Simplex method	M.Phil.	2009
52.	Mohd. Farhan Khan	A study on common fixed point theorems and Compatible Mappings	M.Phil.	2009
53.	Prerna Sharma	Common random fixed points of random multivalued Operators	M.Phil.	2009
54.	Irfan Mansoori	Fixes point theorems of some multivalued maps	M.Phil.	2009
55.	Sapna Sethiya	A study of recurrence relation in Fibonacci sequence	M.Phil.	2009
56.	Shivram Sharma	A study on Common $\alpha$ -fixed point theorems in Metric Spaces.	M.Phil.	2009
57.	Rajesh Kumar Mishra	A Common fixed point and Multivalued Mappings	M.Phil.	2009
58.	Pushpa Baraniya	Compatible Mappings and Fixed point theorems.	M.Phil.	2009
59.	Vasim Khan	A study on Fibonacci and Beta-nacci Numbers	M.Phil.	2010

		in Triangle .		
60.	Amit kumar	Fixed point Theorem for Common Random Operators.	M.Phil.	2010
61.	Narendra Manghani	A study of Fibonacci Numbers and Related Polynomials.	M.Phil.	2010
62.	Vanita sharma	A study of Epidemiological Model For Typhoid Fever.	M.Phil.	2010
63.	Kalu Singh Chauhan	A Study on Common $\alpha$ -Fixed Point theorems in Metric Spaces.	M.Phil.	2010
64.	Garima saxena	Fixed Point Theorems in Banach Space.	M.Phil.	2010
65.	Deepak Patidar	A study of Fixed Point Theorems in Metrically Convex Spaces and Contraction Mappings.	M.Phil.	2010
66.	Aradhana Vaidya	Fixed Point theorems for Multifunction.	M.Phil.	2010
67.	Durgesh Kumar Parmar	Study of inventory Models .	M.Phil.	2010
68.	Varsha Parmar	Mathematical Modeling For Strategic Ecosystem	M.Phil.	2010
69.	Vijay Prasad	A study on Queuing Theory and Queuing Models	M.Phil.	2010
70.	Ms.Ranjana Kothari	Local and Behavior Stability in Two SIR-style Models for HIV.	M.Phil	2011
71.	Krati Jain	A Study of Fixed Point Theorems.	M.Phil	2011
72.	Khushbu Ravat	A Study on the degree of Approximation of Continuous Functions by its Orthogonal Polynomials.	M.Phil	2011
73.	Aobid Hussain Khanday	Random Fixed point Theorems of Random Multiple Operators on Polish Space.	M.Phil	2011
74.	Mubashir A. Bhatt	Mathematical Modeling of Migration in Population Ecology.	M.Phil	2011
75.	Hafizul Amin	Generalization of Whooping-Cough Model with Two and Three Removed Classes.	M.Phil	2011
76.	Preeti Bhandari	A study of Fibonacci and Lucas Sequence	M.Phil	2011
77.	Neelima Baheti	Inventory Model for Lubricating Oil	M.Phil	2011
78.	Mohsen Maqbool	Generalized Fibonacci-Like Sequence	M.Phil	2011

Dar	And its Properties		
79.	Akanksha Parheta	Fixed Point Theorems in Banach Space	M.Phil 2011
80.	Neelam Pathak	Linear Programming Problem Based on Operation Research.	M.Phil 2011
<b>Conferences Organized</b>			
<i>Nil.</i>			
<b>Conferences / Seminars etc. Attended</b>			
(1)	Attended and participated the Acharya Varahmihir Memorial Seminar on <b>Theory of Functional Analysis and its Applications</b> held in the School of Studies in Mathematics. Vikram University, Ujjain, during September 24 to 28. 1983.		
(2)	Attended <b>the Inter Divisional Commission on Developing Countries (International Association of Geomagnetism and Aeronomy)</b> was organized a workshop on <b>International Workshop on Data Processing</b> held at <b>Pune (India)</b> , during February 25 to March 9, 1985.		
(3)	Attended and participated the Acharya Varahmihir Memorial National Seminar on <b>Theory of Approximation and its Applications</b> held in the School of Studies in Mathematics, Vikram University, Ujjain, during February 10 to 14, 1989 (Sponsored by CSIR),		
(4)	Attended and participated Acharya Varahmihir Memorial National Seminar on <b>Ancient Indain Mathematics and its Relevance to Modern science</b> held in the School of Studies in Mathematics, Vikram University, Ujjain, during February 10 to 13, 1990 (Financial Assistance of Madhya Pradesh Council of Science and Technology).		
(5)	Attended the International Symposium on <b>Differential Equations and Industrial Mathematics</b> held in the Department of Mathematics. Aligarh Muslim University, <b>Aligarh (U.P.)</b> , during September 28 to 30, 1990.		
(6)	Attended and participated the Acharya Varahmihir Memorial National Seminar have been		

organized on **Functional Analysis and its Applications** held in Mathematics. Vikram University, Ujjain, during February 8 to 11, 1992.

- (7) Attended and participated the Acharya Varahmihir Memorial National Seminar have been organized on **Appropriate Technology and Economics Development** held in School of Studies in Mathematics, Vikram University, Ujjain, during February 12 to 15, 1993.
- (8) Attended the Conference on **Fourier analysis, Approximation theory and their Applications** held in the Department of Mathematics Aligarh Muslim University, **Aligarh (U.P.)**, during September 6 to 9, 1993.
- (9) Attended and participated **The State Level Training Workshop on Population Education** Organized by P.E.R.C. Department of Adult Education, Vikram University, Ujjain, during August 26-27, 1994.
- (10) Attended and participated the Acharya Varahmihir Memorial National Seminar have been organized on **Constructive Function theory and its Applications** held in School of Studies in Mathematics, Vikram University, Ujjain, during February 18 to 20, 1995.
- (11) Attended and participated in **the Xth Annual Conference Ramanujam Mathematical Society** held at the Department of Mathematics, Pt. L.M.S. Govt. P.G. College, **Rishikesh (U.P.)**, during May 25 to 27, 1995.
- (12) Attended and participated in **the International Instructional Workshop on Wavelets and Applications** held in Department of Mathematics, **Delhi University, Delhi**, during August 16 to 27, 1999.
- (13) Attended in the Joint 9th National Conference of the Vijnana Parishad of India on **Applied and Industrial Mathematics and 5th Annual Conference of Indian Society of Information Theory and Applications** held in Department of Mathematics, **Netaji Subhas Institute of Technology, New Delhi**, during February, 22-24, 2002.

- (14) Attended and successfully completed the National workshop on **Emerging frontiers in Combinatorial Optimization** conducted at the Department of Mathematics, **University of Pune, Pune**, during June 21-28, 2002.
- (15) Attended and participated the orientation program me in **the Management of University Finances** organized by Educational finance unit of at the National Institute of Educational Planning and Administration (**NEPA**), **New Delhi**, during August 19 to 23, 2002.
- (16) Participated **the International Conference on Industrial Mathematics (ICIWIM - 2002)** held at the Department of Mathematics, Indian Institute of Technology, (**IIT-Bombay**) Powai, Mumbai 400076 (India), during December 7-9, 2002.
- (17) Attended conference and presented a paper in the **International Conference on Industrial and Applied Mathematics** held at **India International Centre**, 40 Max Mueller Marg, New Delhi - 110003, India organized by **Jammia Millia Islamia**, New Delhi and **Indian Society of Industrial and Applied Mathematics** during December 04 - 06, 2004.
- (18) Attended and participated in the **International Indo-UK Study Group Meeting on Industrial Problems**, held at **Department of Applied Mathematics, The Maharaja Sayajirao University, Baroda, Varodara (Gujrat)**, organized by Department of Applied Mathematics, **IIT Mumbai** and **Oxford University, U.K.** during **20-24 March, 2006**.

### **Research Projects**

**Name of Project:** Miner Project

**Position in Project:** Investigator

**Period:** 6 Months

**Grant:** Rs 6400/-

### **Awards and Distinctions**

### **Association with Professional Bodies**

(1) Worked as a **Assistant Registrar (Finance)** from March 2000 to July 2003.

(2) Worked as a Director, Minority Cell, Vikram University, Ujjain from June 2003 to April 2006.



- (3) Chief Warden
- (4) Chairman of Purchase Comity from 2009 to 2011 in Vikram University, Ujjain (M.P.).
- (5) Chairman of Pay fixation Comity of 2006 and 2006 in Vikram University, Ujjain (M.P.).
- (6) Chairman of Problem solving Comity of Guest Faculty Appointment in Vikram University, Ujjain (M.P.).
- (7) Coordinator for confidential work from 1996 to 2003.
- (8) Assistant Superintendent of University Examination/ Superintendent of University Examination/ Center Superintendent of University Examination/ Chief center Superintendent of University Examination.
- (9) Inspected various colleges for affiliation as a subject expert.
- (10) As an expert in many selection committee.

### **Other Activities**

***Research Interests: Fixed Point Theory, Functional Analysis, Mathematical Modeling, Operation Research.***

***Survey Articles:***

***Popular Article***

***Delivered Lectures***

***Forthcoming Research***