

Interdepartmental and Inter-institutional collaborative activity (2005 Onwards) – HK Pathak, School of Mathematics, PRSU, Raipur

| S. No. | Type of Collaboration | Collaboration with | Sponsors [Amount] | Output |
|--------|--|--|---|---|
| 1. | Doctoral research Title: On fixed point theorems and their applications | Kalyan PG College, Bhilai | - | PhD degree awarded to Rakesh Tiwari in 2008 |
| 2. | Doctoral research Title: Studies on common fixed point for some variants of compatible class of mappings | Kalyan PG College, Bhilai | - | PhD degree awarded to RK Verma in 2010 |
| 3. | 5 Year Integrated Masters' Programme Title: Center for Basic Sciences– On-going | SoS in Physics; SoS in Chemistry; SoS in Mathematics, SoS in Life Sciences; PRSU, Raipur | Govt. of Chhattisgarh – From 2015 [200 lac] | Manpower under training: 34 |
| 4. | Conference/ Seminar Organized Title: National seminar on “Advances in Nonlinear Analysis and Optimization” | Govt. Nagarjuna Science College, Govt. DB Girls College, Govt. JY Chhattisgarh College, Raipur | UGC, NBHM, CCOST | Feb. 15-17, 2014; Attended by 107 delegates. |
| 5. | Consultant for Research Project Authors: HK Pathak, MS Khan [2006] | DM, Sultan Qaboos University, Muscat, Sultanate of Oman | Sultan Qaboos University, Muscat, Sultanate of Oman | Assistance is given to Prof. M. S. Khan in his project entitled “ <i>Homotopy Invariance for Fixed Points & Applications</i> ” during 27 th Nov.- 3 rd Dec, 2006. |
| 6. | Consultant for Research Project Authors: HK Pathak, MS Khan [2007] | DM, Sultan Qaboos University, Muscat, Sultanate of Oman | Sultan Qaboos University | Assistance is given to Prof. M. S. Khan in his project entitled “ <i>Some Applications of Fixed Point Theorems To Approximation Theory</i> ” during 17 th June- 25 th June, 2007. |
| 7. | Joint Publications Authors: HK Pathak, MS Khan, R. Tiwari[2007] | DMS, Sultan Qaboos University, Al-Khod, Muscat, Oman DM, Govt. VYT PG.Auto. College, Durg | UGC-MRP, Bhopal | A common fixed point theorem and its application to nonlinear integral equations, Computers and Mathematics with Applications 53 (2007) 961–971. |
| 8. | Joint Publications Authors: HK Pathak, YJ Cho, SM Kang [2009] | DME, Gyeongsang National University, Chinju, Republic of Korea | Korea Research Foundation Grant funded by the Korean Government (MOEHRD) | Strong and weak convergence theorems for nonself-asymptotically perturbed nonexpansive mappings, Nonlinear Analysis 70 (2009) 1929–1938. |
| 9. | Visiting Fellow Authors: HK Pathak, SN Mishra [2010] | DM, Walter Sisulu University, Umtata, South Africa | Walter Sisulu University, Umtata, South Africa | Assistance is given to Prof. S. N. Mishra on his project “Studies in Nonlinear Analysis- Iterative Modeling of Fractals and Chaos” during Sept.-Oct., 2010. |
| 10. | Joint Publications Authors: SL Singh, HK Pathak, SN Mishra [2010] | DM, Walter Sisulu University, Mthatha, South Africa | Directorate of Research Development, Walter Sisulu University, Mthatha, South Africa | On a Suzuki Type General Fixed Point Theorem with Applications, Fixed Point Theory and Applications Volume 2010, Article ID 234717, 15 pages doi:10.1155/2010/234717. |
| 11. | Joint Publications Authors: T Suzuki, HK Pathak [2010] | DBS, Kyushu Institute of Technology, Tobata, Kitakyushu 804-8550, Japan | Grant-in-Aid for Scientific Research from the Japanese Ministry of Education, Culture, Sports, Science and Technology | Almost biased mappings and almost compatible mappings are equivalent under some condition, J. Math. Anal. Appl. 368 (2010) 211–217. |
| 12. | Joint Publications | DME and the RINS, Gyeongsang | Korea Research Foundation | Approximation of nearest common fixed points of asymptotically |

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| | Authors: YJ Cho, N Hussain, HK Pathak, [2011] | DME, National University, Chinju, Republic of Korea DM, King Abdulaziz University, Jeddah, Saudi Arabia | Grant funded by the Korean Government | I-nonexpansive mappings in Banach spaces, Commun. Korean Math. Soc. 26 (2011), No. 3, pp. 483-498 DOI 10.4134/CKMS.2011.26.3.483. |
| 13. | Joint Publications Authors: N Hussain, HK Pathak, [2011] | DM, King Abdulaziz University, Jeddah, Saudi Arabia | DSR, King Abdulaziz University, Saudi Arabia | Subweakly Biased Pairs and Jungck Contractions with Applications, Numerical Functional Analysis and Optimization, 32(10) (2011),1067-1082. |
| 14. | Joint Publications Authors: HK Pathak, RR Lopez, R Tiwari [2011] | Analisis Matematico, Facultad de Matematicas, Universidad de Santiago de Compostela, Santiago de Compostela, Spain DM, Govt. VYT PG.Auto. College, Durg | Ministerio de Educaci_ on y Ciencia / FEDER project UGC-MRP, Bhopal | Common fixed point result in symmetric spaces, Novi Sad J. Math. Vol. 41, No. 2, 2011, 1-15 |
| 15. | Joint Publications Authors: HK Pathak, R. Tiwari[2011] | DM, Govt. VYT PG.Auto. College, Durg | UGC-MRP, Bhopal | Common fixed points for weakly compatible mappings and applications in dynamic programming, Italian journal of pure and applied mathematics, 30 (2013) ,253-268, |
| 16. | Joint Publications Authors: Bille E Rhoades, HK Pathak, SN Mishra [2012] | DM, Indiana University, Bloomington, Indiana, USA Walter Sisulu University, Mthatha, South Africa | Directorate of Reseasearch Development, Walter Sisulu University for financial support, S. Africa | Some weakly contractive mapping theorems in partially ordered spaces and applications, Demonstratio Mathematica, Vol. XLV No 3 2012, 621-636. |
| 17. | Joint Publications Authors: HK Pathak and RR Lopez [2013] | Analisis Matematico, Facultad de Matematicas, Universidad de Santiago de Compostela, Santiago de Compostela, 15782, Spain | Ministerio de Economia y Competitividad, project MTM2010-15314, and co-financed by EC fund FEDER | Noncommutativity of mappings in hybrid fixed point results. <i>Boundary Value Problems</i> 2013 2013:145. doi:10.1186/1687-2770-2013-145 |
| 18. | Joint Publications Authors: BC Dhage, SB Dhage, SK Ntouyas, HK Pathak [2015] | DM, University of Ioannina, 451 10 Ioannina, Greece | NAAM-Research Group at King Abdulaziz University, Jeddah, Saudi Arabia | On local attractivity of nonlinear functional integral equations via measures of noncompactness, Malaya J. Mat. 3(2)(2015) 191-201 |
| 19. | Joint Publications Authors: HK Pathak and Rosana Rodriguez-Lopez [2015] | Analisis Matematico, Facultad de Matematicas, Universidad de Santiago de Compostela, Santiago de Compostela, 15782, Spain | Ministerio de Economia y Competitividad, project MTM2010-15314, and co-financed by EC fund FEDER | On Some Fixed Point Results for H^+ -Type Contraction Mappings in Metric Spaces, Discrete Dynamics in Nature and Society Volume 2015, Article ID 914158, 12 pages http://dx.doi.org/10.1155/2015/914158 |
| 20. | Joint Publications Authors: HK Pathak, R George, HA Nabwey, Mahdy S El-Paoumy, KP Reshma [2015] | DM, College of Science, Salman bin Abdulaziz University, Al-Kharj, Kingdom of Saudi Arabia | Deanship of Scientific Research, Salman bin Abdulaziz University, Alkharj, Kingdom of Saudi Arabia | Some generalized fixed point results in a b -metric space and application to matrix equations, Pathak et al. Fixed Point Theory and Applications (2015) 2015:101 DOI 10.1186/s13663-015-0343-0 |
| 21. | Joint Publications Authors: HK Pathak, RP Agarwal, YJ Cho | DM, Texas A&M University-Kingsville, 700 University Blvd., | NRF funded by the Ministry of Science, ICT and Future | Coincidence and fixed points for multi-valued mappings and its application to nonconvex integral inclusions, Journal of |

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| | [2015] | Kingsville, TX, USA DME and RINS, Gyeongsang National University, Jinju 660- 701, Republic of Korea | Planning, S. Korea | Computational and Applied Mathematics 283 (2015) 201–217 |
| 22. | Joint Publications Authors: HK Pathak and Rosana Rodriguez- Lopez [2015] | Analisis Matematico, Facultad de Matematicas, Universidad de Santiago de Compostela, Santiago de Compostela, 15782, Spain | -- | <u>Existence and approximation of solutions to nonlinear hybrid ordinary differential equations</u> , <i>Applied Mathematics Letters</i> , 39 (2015), 101–106. |
| 23. | Joint Publications Authors: B. C. Dhage, S. B. Dhage, H. K. Pathak, | <i>Kasubai, Gurukul Colony Ahmedpur, Dist: Latur Maharashtra, India</i> | -- | A generalization of Darbo’s fixed point theorem and local attractivity of generalized nonlinear functional integral equations, <i>Differential Equations and Applications</i> , Volume 7, Number 1 (2015), 57–77. |
| 24. | Joint Publications Authors: <u>Deepmala, Pathak, H. K.</u> , | -- | -- | <u>Remarks on occasionally weakly compatible maps versus occasionally weakly compatible maps</u> , <i>Demonstratio Mathematica</i> , 47(3) (2014), 695–703. |
| 25. | Joint Publications Authors: K. B. Manandhar , K. B. , Jha K., <u>Pathak, H. K.</u> , | DM, Kathamandu University, Nepal | -- | <u>A common fixed point theorem for compatible mappings of type (E) in fuzzy metric space</u> , <i>Applied Mathematical Sciences</i> , 8 (2014), 2007–2014. |
| 26. | Joint Publications Authors: Pathak, H.K., Tiwari, Rakesh, | DM, Govt. V.Y.T. Auto. PG.College, Durg | -- | Common fixed points for weakly compatible mappings and applications in dynamic programming, <i>Italian J. Pure Appl. Math.</i> , 30(2013), 253-268. |
| 27. | Joint Publications Authors: H. K. Pathak & M. S. Khan, | DM, Sultan Qaboos University, Muscat, Sultanate of Oman | -- | Common Fixed Point Results and its Applications to Best Approximation in Ordered Semi-Convex Structure, Journal of Equilibrium System |
| 28. | Joint Publications Authors: Pathak, Hemant Kumar, Rodriguez- Lopez, Rosana, | Analisis Matematico, Facultad de Matematicas, Universidad de Santiago de Compostela, Santiago de Compostela, 15782, Spain | -- | Noncommutativity of mappings in hybrid fixed point results, <i>Boundary Value Problems</i> , 2013:145 (2013), pp. 1-21. |
| 29. | Joint Publications Authors: Rhoades, B. E., Pathak, H. K., Mishra, S. N. , | DM, Indiana University, Bloomington, USA | -- | Some weakly contractive mapping theorems in partially ordered spaces and applications, <i>Demonstratio Math.</i> 45 (2012),no. 3, 621–636. |
| 30. | Joint Publications Authors: Hussain, N., Pathak, H. K., Tiwari, S. | DM, King Abdulaziz University, Jeddah, Saudi Arabia | -- | Application of fixed point theorems to best simultaneous approximation in ordered semi-convex structure, <i>J. Nonlinear Sci. Appl.</i> 5 (2012), no. 4, Special issue, 294–306. |
| 31. | Joint Publications Authors: Pathak, Hemant Kumar, Shahzad, Naseer, | DM, King Abdulaziz University, Jeddah, Saudi Arabia | -- | A new fixed point result and its application to existence theorem for nonconvex Hammerstein type integral inclusions, <i>Electron. J. Qual. Theory Differ. Equ.</i> 2012 , No. 62, 13 pp. |

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| 33. | Joint Publications Authors: Pathak, H. K., Sahu, Vinod Kumar, | DM, Govt. V.Y.T. Auto. PG.College, Durg | -- | An iterative scheme for generalized equilibrium problems and fixed point problems of strict pseudo-contraction mappings, <i>J. Adv. Res. Pure Math.</i> 4 (2012), no. 3, 47–60. |
| 34. | Joint Publications Authors: Hussain, N., Pathak, H. K. | DM, King Abdulaziz University, Jeddah, Saudi Arabia | -- | Common fixed point and approximation results for H-operator pair with applications, <i>Appl. Math. Comput.</i> 218 (2012), no. 22, 11217–11225. |
| 35. | Joint Publications Authors: Pathak, Hemant Kumar, Shahzad, Naseer, | DM, King Abdulaziz University, Jeddah, Saudi Arabia | -- | Convergence and existence results for best <i>C</i> -proximity points, <i>Georgian Math. J.</i> 19 (2012), no. 2, 301–316 |
| 36. | Joint Publications Authors: Verma, R. K., Pathak, H. K., | DM, Govt. C.L.C. CollegePatan, Dist.-Durg | | Solution of nonlinear integral equations via fixed point of generalized contractive condition, <i>Mat. Vesnik</i> 64 (2012), no. 3, 223–231. |
| 37. | Joint Publications Authors: Pathak, H. K., Deepmala, | -- | -- | Existence and uniqueness of solutions of functional equations arising in dynamic programming, <i>Appl.Math.Comput.</i> 218 (2012), no. 13,7221–7230. |
| 38. | Joint Publications Authors: H. K. Pathak and Manju Sanghi, | DAM, Rungta College of Engineering &Technology, Bhilai | -- | Efficient Three Party Key Exchange Protocol, Buletin Teknik Elektro dan Informatika (Bulletin of Electrical Engineering and Informatics), Vol.1, No.3, September 2012,pp 233-244 |
| 39. | Joint Publications Authors: Prachi Singh and H.K.Pathak, | DM, Govt. V.Y.T. Auto. PG.College, Durg | -- | Selection method by fuzzy set theory and preference matrix, <i>Mathematical Theory and Modeling</i> , Vol.2, No.2, 2012, pp.36-43. |
| 40. | Joint Publications Authors: Pathak, H. K. and Sanghi, Manju, | DAM, Rungta College of Engineering &Technology, Bhilai | -- | Cryptanalysis of Modified STPKE' Protocol, <i>Journal of Computer Technology & Applications</i> Volume 3, Issue 1, 2012, Pages.43-48. |
| 41. | Joint Publications Authors: Pathak, H. K. and Sanghi, Manju, | DAM, Rungta College of Engineering &Technology, Bhilai | | Improved G-3PAKE protocol with formal verification, <i>Int. J. Inform. & Network Security</i> , Vol. 1, No. 1, 2012, 1-8. |
| 42. | Joint Publications Authors: Pathak, H. K., Tiwari, Satyaj | Shri Shankaracharya Institute of Professional Management and Technology, Raipur | -- | Common fixed point and best simultaneous approximations theorems under relaxed conditions, <i>J. Int. Acad. Phys. Sci.</i> 15 (2011), no. 1, Special issue, 17–22. |

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| 44. | Joint Publications Authors: Pathak, H. K., Rodríguez-López, Rosana, Tiwari, Rakesh, | Analisis Matematico, Facultad de Matematicas, Universidad de Santiago de Compostela, Santiago de Compostela, 15782, Spain | -- | Common fixed point result in symmetric spaces, <i>Novi Sad J. Math.</i> 41 (2011), no. 2, 1–15. |
| 45. | Joint Publications Authors: Pathak, H. K., Sahu, Vinod Kumar | DM, Govt. V.Y.T. Auto. PG.College, Durg | -- | A viscosity three step iteration schemes and common fixed points of three generalized quasi non expansive mappings, <i>Int. J. Pure Appl. Math. Int. J. Pure Appl. Math.</i> 71 (2011), no. 3, 351–360. |
| 46. | Joint Publications Authors: Hussain, N., Pathak, H. K. , | DM, King Abdulaziz University, Jeddah, Saudi Arabia | -- | Subweakly biased pairs and Jungck contractions with applications, <i>Numer. Funct. Anal. Optim.</i> 32 (2011), no. 10, 1067–1082. |
| 47. | Joint Publications Authors: Cho, Yeol Je, Hussain, Nawab, Pathak, Hemant Kumar, | DM, King Abdulaziz University, Jeddah, Saudi Arabia | -- | Approximation of nearest common fixed points of asymptotically I -nonexpansive mappings in Banach spaces, <i>Commun. Korean Math. Soc.</i> 26 (2011), no. 3, 483–498. |
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| 49. | Joint Publications Authors: Pathak, Hemant Kumar, Tiwari, Rakesh | DM, Govt. V.Y.T. Auto. PG.College, Durg | -- | A Gregus type common fixed point theorem in normed spaces with application, <i>Banach J. Math. Anal.</i> 5 (2011), no. 1, 136–157. |
| 50. | Joint Publications Authors: Pathak, H. K., | -- | -- | A Note on Convergence of a Sequence and its Applications to Geometry of Banach Spaces, <i>Advances in Pure Mathematics</i> , Vol. 1 , No. 3 (2011), |
| 51. | Joint Publications Authors: Pathak, H. K. and Singh, P. | DM, Govt. V.Y.T. Auto. PG.College, Durg | -- | A New Bandwidth Interval Based Forecasting Method for Enrollments Using Fuzzy Time Series, <i>Applied Mathematics</i> , Vol. 2, No. 4 (2011), PP.504-507. |
| 52. | Joint Publications Authors: Pathak, H. K. and Verma,RK | DM, Govt. C.L.C. CollegePatan, Dist.-Durg | -- | Common fixed point theorems for occasionally converse commuting mappings in symmetric spaces, Kathmandu Univ. J. Sci., Eng. And Tech. VOL. 7, No. I, 2011 |
| 53. | Joint Publications Authors: Pathak, H. K., Khan, M. S., Kim, Jong Kyu, | DM, Sultan Qaboos University, Muscat, Sultanate of Oman | -- | Coincidence point and homotopy results for f -hybrid compatible maps, <i>Nonlinear Funct. Anal. Appl.</i> 15 (2010), no. 1, 87–162. |

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| 55. | Joint Publications Authors: Singh, S. L., Pathak, H. K., Mishra, S. N. | DM, Walter Sisulu University, Mthatha, South Africa | -- | Mishra, S. N., On a Suzuki type general fixed point theorem with applications, <i>Fixed Point Theory Appl.</i> 2010 , Art. ID 234717, 15 |
| 56. | Joint Publications Authors: Pathak, H. K., Hussain, N. | DM, King Abdulaziz University, Jeddah, Saudi Arabia | -- | Hussain, N., Common fixed points for P-operator pair with applications, <i>Appl. Math. Comput.</i> 217 (2010), no. 7, 3137–3143. |
| 57. | Joint Publications Authors: Pathak, H. K., Tiwari, Satyaj | DM, Shri Shankaracharya Institute of Professional Management and Technology, Raipur | -- | Common fixed point and best simultaneous approximations for Ciric type (f, g) -weak contraction and weak asymptotic contraction, <i>Int. J. Pure Appl. Math.</i> 62 (2010), no. 3, 291–304. |
| 58. | Joint Publications Authors: Pathak, H. K., Tiwari, Satyaj | DM, Shri Shankaracharya Institute of Professional Management and Technology, Raipur | -- | Best simultaneous approximation via KKM-mapping method for multivalued mappings, <i>Int. J. Pure Appl. Math.</i> 59 (2010), no. 2, 181–190. |
| 59. | Joint Publications Authors: Suzuki, Tomonari, Pathak, Hemant Kumar, | DBS, Kyushu Institute of Technology, Tobata, Kitakyushu 804-8550, Japan | -- | Almost biased mappings and almost compatible mappings are equivalent under some condition, <i>J. Math. Anal. Appl.</i> 368 (2010), no. 1, 211–217. |
| 60. | Joint Publications Authors: Pathak, H. K., Tiwari, Satyaj | DM, Shri Shankaracharya Institute of Professional Management and Technology, Raipur | -- | On best simultaneous approximation in semi metric spaces, <i>J. Concr. Appl. Math.</i> 8 (2010), no. 4, 623–630. |
| 61. | Joint Publications Authors: H. K. Pathak and Manju Sanghi | DAM, Rungta College of Engineering & Technology, Bhilai | -- | Public key cryptosystem and a key exchange protocol using tools of non-abelian group, <i>International Journal on Computer Science and Engineering</i> Vol. 02, No. 04, 2010, 1029-1033 |
| 62. | Joint Publications Authors: H. K. Pathak and Manju Sanghi | DAM, Rungta College of Engineering & Technology, Bhilai | -- | Speeding up Computation of Scalar Multiplication in Elliptic Curve Cryptosystem, <i>International Journal on Computer Science and Engineering</i> Vol. 02, No. 04, 2010, 1024-1028 |
| 63. | Joint Publications Authors: H. K. Pathak and Manju Sanghi | DAM, Rungta College of Engineering & Technology, Bhilai | -- | Key exchange scheme with higher security and its Analysis, <i>African Journal of Mathematics and Computer Science Research</i> Vol. 3(12), pp. 290-296, December 2010 |

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| 64. | Joint Publications Authors: Pathak, H. K., Khan, M. S. | DM, Sultan Qaboos University, Muscat, Sultanate of Oman | -- | Common fixed point results for contractions of integral type in G -fuzzy product metric spaces, <i>Ital. J. Pure Appl. Math.</i> No. 26 (2009), 135–152. |
| 65. | Joint Publications Authors: Pathak, H. K. | -- | -- | Integral Φ -type contractions and existence of continuous solutions for nonlinear integral inclusions, <i>Nonlinear Anal.</i> 71 (2009), no. 12, e2577–e2591. |
| 66. | Joint Publications Authors: Pathak, H. K., Singh, Prachi, | DM, Govt. V.Y.T. Auto. PG.College, Durg | -- | Generalization of a fixed point theorem for weakly compatible mapping, <i>Math. Sci. Res. J.</i> 13 (2009), no. 12, 286–291. |
| 67. | Joint Publications Authors: Pathak, H. K., Verma, R. K. | Govt. C.L.C. CollegePatan, Dist.-Durg | -- | Common fixed point theorems for weakly compatible mappings on Menger space and application, <i>Int. J. Math. Anal. (Ruse)</i> 3 (2009), no. 21-24, 1199–1206. |
| 68. | Joint Publications Authors: Pathak, H. K., Verma, R. K. | DM, Govt. C.L.C. CollegePatan, Dist.-Durg | -- | An integral type implicit relation for converse commuting mappings, <i>Int. J. Math. Anal. (Ruse)</i> 3 (2009), no. 21-24, 1191–1198. |
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| 70. | Joint Publications Authors: Pathak, H. K., Shahzad, N. | DM, King Abdulaziz University, Jeddah, Saudi Arabia | -- | Fixed point results for generalized quasicontraction mappings in abstract metric spaces, <i>Nonlinear Anal.</i> 71 (2009), no. 12, 6068–6076. |
| 71. | Joint Publications Authors: Jha, K., Pant, R. P., Pathak, H. K. | Kumaon Uni ^{versity} , D.S.B. Campus, Nainital | -- | A common fixed point theorem for generalized contractive type mappings, <i>Uzbek. Mat. Zh.</i> 2009 , no. 2, 85–91. |
| 72. | Joint Publications Authors: Pathak, H. K., Rodriguez-López, Rosana, Singh, Prachi | Analisis Matematico, Facultad de Matematicas, Universidad de Santiago de Compostela, Santiago de Compostela, 15782, Spain | -- | A common fixed point theorem for weakly compatible mappings and its application, <i>J. Fuzzy Math.</i> 17 (2009), no. 3, 699–710. |
| 73. | Joint Publications Authors: Fisher, B., Pathak, H. K., Tiwari, R. | DM, Govt. V.Y.T. Auto. PG.College, Durg | -- | Common fixed point theorems, <i>Thai J. Math.</i> 7 (2009), no. 1, 137–150. |
| 74. | Joint Publications Authors: Pathak, H. K., Verma, R. K., Fisher, B. | DM, Govt. C.L.C. CollegePatan, Dist.-Durg | -- | Fixed point and coincidence point theorems on Banach spaces over topological semifields and their applications, <i>Thai J. Math.</i> 7 (2009), no. 1, 115–127. |
| 75. | Joint Publications Authors: Pathak, H. K., Khan, M. S. | DM, Sultan Qaboos University, Muscat, Sultanate of Oman | -- | Khan, M. S., Common fixed point results and its applications to best approximation in ordered semi-convex structure, <i>Bull. Math. Anal. Appl.</i> 1 (2009), no. 1,30–48. |

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| 76. | Joint Publications Authors: Pathak, Hemant Kumar, Shahzad, Naseer | DM, King Abdulaziz University, Jeddah, Saudi Arabia | -- | Gregus type fixed point results for tangential mappings satisfying contractive conditions of integral type, <i>Bull. Belg. Math. Soc. Simon Stevin</i> 16 (2009), no. 2, 277–288. |
| 77. | Joint Publications Authors: Pathak, H. K., Khan, M. S. | DM, Sultan Qaboos University, Muscat, Sultanate of Oman | -- | On best simultaneous approximation in ε -chainable metric spaces, <i>J. Concr. Appl. Math.</i> 7 (2009), no. 3, 276–280. |
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| 79. | Joint Publications Authors: Pathak, H. K., Rodríguez-López, Rosana, | Analisis Matematico, Facultad de Matematicas, Universidad de Santiago de Compostela, Santiago de Compostela, 15782, Spain | -- | Some results on common fixed points for weakly compatible mappings satisfying Altman integral type contraction, <i>Demonstratio Math.</i> 42 (2009), no. 1, 143–162. |
| 80. | Joint Publications Authors: Pathak, H. K., Cho, Y. J., Kang, S. M. | DME, Gyeongsang National University, Jinju 660-701, Republic of Korea | -- | Kang, S. M., Strong and weak convergence theorems for nonself-asymptotically perturbed nonexpansive mappings, <i>Nonlinear Anal.</i> 70 (2009),no. 5, 1929–1938. |
| 81. | Joint Publications Authors: George, Reny; Khan, M. S.; Pathak, H. K. | DM, Sultan Qaboos University, Muscat, Sultanate of Oman | -- | On commutativity and its generalizations in hybrid fixed point theory. <i>Nonlinear Funct. Anal. Appl.</i> 13 (2008), no. 1, 29–41, 54H25 (47H10 54C60) (S.Korea) MR2488410 (2009k:54075) |
| 82. | Joint Publications Authors: Pathak, H. K.; Verma, R. K. | DM, Govt. C.L.C. CollegePatan, Dist.-Durg | -- | Weakly compatible mappings and Altman type contraction. <i>Filomat</i> 22 (2008), no. 1, 33–46. (Reviewer: Ion Marian Olaru), 54H25 (47H10) (Serbia) MR2482648 (2009m:54064) |
| 83. | Joint Publications Authors: Pathak, H. K.; Hussain, N. | DM, King Abdulaziz University, Jeddah, Saudi Arabia | -- | Common fixed points for Banach operator pairs with applications. <i>Nonlinear Anal.</i> 69 (2008), no. 9, 2788–2802. (Reviewer: Chika Moore), 47H10 (47J20 47N10 54H25) (Elsevier) MR2452090 (2009j:47123) |
| 84. | Joint Publications Authors: Pathak, H. K.; Verma, R. K. | Govt. C.L.C. CollegePatan, Dist.-Durg | -- | Verma, R. K. Coincidence and common fixed points in symmetric spaces under implicit relation and application. <i>Int. Math. Forum</i> 3 (2008), no. 29-32, 1489–1499, 54H25 (47H10) MR2447641. |
| 85. | Joint Publications Authors: Pathak, H. K.; Singh, Prachi | DM, Govt. V.Y.T. Auto. PG.College, Durg | -- | Common fixed point theorems for fuzzy mappings in quasi-pseudo-metric space. <i>Int. J. Math. Anal. (Ruse)</i> 2 (2008), no. 1-4, 159–168, 54H25 (54A40) MR2418584 |

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