

**GOVERNMENT CHANDULAL CHANDRAKAR ARTS AND SCIENCE COLLEGE**  
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**List of Papers and Book Chapters Published in National and International Research Journals**

**1 DEPARTMENT OF SOCIOLOGY**

**Paper published by Dr. Shobha Srivastava**

1. Roshani Chandrakar and Shobha Shrivastava, Samaj me naitik mulyon ke utthan me Adhyatmik Sanstha ki Bhoomika, Radhakamal Mukharjee : Chintan Parampara 23(2)(2021), Vol.-July-Dec. 2021, page 74-79, ISSN: 0974-0074, weblink: <http://www.chintanparampara.co.in/pdf/July-december-21.pdf>

**2. DEPARTMENT OF MATHEMATICS**

**Paper published by Dr. R. K. Verma**

17. R. K. Verma, Rakesh Tiwari, Prateek Singh Thakur, Algebra of (alpha) fuzzy subgroup and Lagrange's Theorem, International Journal of Creative Research Thoughts (IJCRT), ISSN: 2320-2882, Vol. 10, Issue-3, March-2022, b8-b12, IJCRT2203127 [www.ijcrt.org](http://www.ijcrt.org)
16. K. K. Dewangan, Rohit Kumar Verma; Fixed point theorems for modified F-contraction mappings, Int. J. Math. Arch. 12(5)(2021), 17-22, e-ISSN: 2229-5046, <http://www.ijma.info/index.php/ijma/article/view/6252/3687>
15. R.K. Verma, H.K.Pathak; Common Fixed Point theorems in Complex Valued Metric Space and Application, Thai Journal of Mathematics Volume 17(2019) Number 1: 75–88, e-ISSN:1686-0209 <http://thaijmath.in.cmu.ac.th/index.php/thaijmath/article/viewFile/711/354354533>
14. Rohit Kumar Verma, Fixed point theorems using (CLCS) property in complex valued  $b$ -metricspaces, *Facta. Universitatis Ser. (Math & Computer)*32(3)(2017), pp.269-292, e-ISSN:0352-9665 <http://casopisi.junis.ni.ac.rs/index.php/FUMathInf/article/view/945doi:10.22190/FUMI1703269V>
13. R. K. Verma, common fixed points in complex-valued  $b$ -metric spaces satisfying a set of rational inequalities, *Int. Jour. Math. Arch.* 7(10)(2016), 2016, 143-150 e-ISSN 2229-5046 <http://www.ijma.info/index.php/ijma/article/view/4484/2678>
12. R.K. Verma, H. K. Pathak; Common Fixed Point Theorems Using Property (E.A) in Complex-Valued Metric Spaces, *Thai Journal of Mathematics*, 11(2)(2013), 347-355, e-ISSN: 1686-0209 <http://thaijmath.in.cmu.ac.th/index.php/thaijmath/article/view/514/527>
11. R.K. Verma, H.K. Pathak, Solution of nonlinear integral equations via fixed point of generalized contractive condition, *Mat. Vesnik* 64(3)(2012),223–231, <https://www.emis.de/journals/MV/123/mv12305.pdf> ISSN 2406-0682 (Online), ISSN 0025–5165 (Print)
10. R.K. Verma, H.K. Pathak, Common fixed point theorems for occasionally converse commuting mappings in

symmetric spaces, *Kathmandu Univ. J. Sci., Eng. And Tech.* 7(1) (2011),  
<https://www.nepjol.info/index.php/KUSET>

9. H.K. Pathak, Rodríguez-López, Rosana, R. K. Verma, A common fixed point theorem of integral type using implicit relation, *Nonlinear Funct. Anal. Appl.* 15(2010), no. 1, 1–12,
8. H.K. Pathak, R. K., Verma, Common fixed point theorems for weakly compatible mappings on Menger space and application, *Int. J. Math. Anal.(Ruse)* 3(2009), no. 21-24, 1199–1206, doi:10.12988/ijma  
<http://www.m-hikari.com/ijma/> ISSN: 1312-8876 (print), ISSN:1314-7579 (online),
7. H. K. Pathak, R. K., Verma, An integral type implicit relation for converse commuting mappings, *Int. J. Math. Anal. (Ruse)* 3(2009),no. 21-24, 1191– 1198 <http://www.m-hikari.com/ijma/> ISSN:1312-8876 (print),ISSN: 1314-7579 (online), doi:10.12988/ijma
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5. H. K. Pathak, R. K. Verma, B. Fisher, Fixed point and coincidence point theorems on Banach spaces over topological semi-fields and their applications, *Thai J. Math.* 7(2009), no. 1, 115– 127, <http://thaijmath.in.cmu.ac.th>
4. H. K. Pathak, R. K. Verma, Coincidence and common fixed points in symmetric spaces under implicit relation and application. *Int. Math. Forum*3(2008), no. 29-32, 1489–1499, 54H25 (47H10) MR2447641, <http://www.m-hikari.com/imf-password2008/29-32-2008/vermaIMF29-32-2008.pdf>
3. H. K. Pathak, R. K. Verma, weakly compatible mappings and Altman type contraction, *Filomat* 2:1 (2008),33– 46 <http://www.doiserbia.nb.rs/Article.aspx?ID=0354-51800801031P#.YMBJGfkzY2w>
2. H.K. Pathak, R. Rodriguez-Lopez, R.K. Verma, A common fixed point theorem using implicit relation and property(EA) in metric space, *Filomat* 21(2)(2007), 211- 234, <http://www.doiserbia.nb.rs/Article.aspx?ID=0354-51800702211P#.YHV9RugzY2w>
1. H. K. Pathak, R. K., Verma, S.M. Kang, M.S. Khan, Fixed points for weak compatible type and parametrically  $\varphi(\epsilon, \delta; a)$ -contraction mappings, *Int. J. Pure Appl. Math.* 26(2006),no. 2, 247–263, <https://ijpam.eu/> ISSN-1311-8080, e-ISSN-1314-3395.

### 3. DEPARTMENT OF PHYSICS

#### Paper published by Dr. Ugendra Kurrey

2. Ugendra Kurrey, Nameeta Brahme<sup>2</sup> and D.P. Bisen, Optical properties of rare earth (Ce) and transition metal (Ti) doped ZrO<sub>2</sub> phosphors, IOP Conference Series: Materials Science and Engineering, Volume 1120, 2nd National Conference on Advanced Materials and Applications (NCAMA 2020) 28th-29th December 2020, Raipur, India  
**Citation** Ugendra Kurrey *et al* 2021 *IOP Conf. Ser.: Mater. Sci. Eng.* **1120** 012002 **DOI** 10.1088/1757-899X/1120/1/012002, <https://iopscience.iop.org/article/10.1088/1757-899X/1120/1/012002>
1. Ugendra Kurrey, Nameeta Brahme, D.P. Bisen and Shweta Sharma, Effect of Excitation Energy on Photo luminescence Properties of Ti Doped ZrO<sub>2</sub> Phosphors, *International Journal of Luminescence and Applications (ISSN: 2277-6362) Vol. 7, No. 3-4, October - December 2017. Article ID: 247. pp.446-450*, publication at: <https://www.researchgate.net/publication/343431066>

#### 4. DEPARTMENT OF COMMERCE

##### **Paper published by Dr. Gaurav Sharma**

2. An Analytical Evaluation of Trend in Emergence of Collection from Direct Taxes, Indian Journal of Accounting (IJA) Volume: 52 (2) December 2020, 128-143, ISSN-0972-1479 (PRINT), 2395-6127 (Online), [https://assessmentonline.naac.gov.in/storage/app/public/aqar/12063/12063\\_126\\_302.pdf](https://assessmentonline.naac.gov.in/storage/app/public/aqar/12063/12063_126_302.pdf)
1. Gaurav Sharma and Surendra Agrawal, An Analytical Study of Investment Behavior and Tax Applicability in New Pension Fund, Shodh Samagam, Vol-03, Issue-04, Year-03 October to December 2020, Page No. 1089–1102, ISSN: 2581-6918 (Online), 2582-1792 (PRINT), [www.shodhsamagam.com](http://www.shodhsamagam.com) Impact Factor SJIF (2020): 5.5

#### 5. DEPARTMENT OF BOTANY

##### **Book Chapter published by Prof. Praveen Kumar Jain**

3. Praveen Jain et al., CHAPTER- Transgenic Plants: A Tool To Increase Crop Productivity Under Stress, International, May-22, NAAS /CAS Index, SPRINGER SINGAPORE <http://doi.org/10.1007/978-981-16-6361-1-4>
2. Praveen Jain et. al., CHAPTER- Crop Plants Abiotic Stress, Reactive Oxygen Species Production, Signalling and Their Consequences, International, May-22, NAAS /CAS Index, SPRINGER SINGAPORE <http://doi.org/10.1007/978-981-16-6361-1-7>
1. Praveen Jain et. al. CHAPTER- Plant Performance and Defensive Role of Glycine Betaine Under Environmental Stress, INTERNATIONAL, Sep-21, ISBN 978-3-030-78520-8, SPRINGER SWITZERLAND <http://Doi.Org/10.1007/978-3-030-78521-5>