

**Office of the Principal, Government ChandulChandrakar Arts and
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List of Papers in Session 2023-24

Papers published by Full Time Teachers in 2023-24

❖ Papers Published by Rohit Kumar Verma (Full Time Teacher in 2023-24)

- 1- **Rohit Kumar Verma**, Prachi Singh, Kuleshwari Common fixed points on multiplicative b-metric spaces for weakly commuting mappings *International Journal of Mathematics And its Applications, Int. J. Math. And Appl.*, **12(1)(2024)**, 25–31, ISSN: 2347-1557 Available Online: <http://ijmaa.in>
- 2- **Rohit Kumar Verma**, Prachi Singh and Kuleshwari, Common fixedpoint results for four maps satisfying contractive condition in multiplicative b-metric spaces, *Adv. Fixed Point Theory*, 2024, 14:14 <https://doi.org/10.28919/afpt/8491> ISSN:1927-6303 Available online at <http://scik.org>
- 3- **Rohit Kumar Verma**, Prachi Singh and Kuleshwari, Common fixedpoints for weakly commuting mappings on a multiplicative b-metric spaces, *Eng. Math Lett.*, 2024, 2024-3 Available online at <http://scik.org> *Eng. Math. Lett.* 2024, 2024:3 <https://doi.org/10.28919/eml/8470> ISSN: 2049-9337
- 4- **Rohit Kumar Verma**, Prachi Singh and Kuleshwari, Common fixed points on multiplicative b-metric spaces for compatible type mappings *Advanced Studies in Multidisciplinary Research* March 2024, ISBN: 978-81-957386-4-9 Sai Publication, Sai College Sector-6, Bhilai (C.G.), India
- 5- Kuleshwari, **Rohit Kumar Verma**, Prachi Singh and **Jayendra Shrivastava**, Approximating common fixed points on multiplicative b-metric spaces using the weakly commuting mappings, *International Journal of Applied Mathematical Research*, 13 (1) (2024) 12-19 <https://www.sciencepubco.com/index.php/ijamr/article/view/32521> DOI: [10.14419/seqn3s92](https://doi.org/10.14419/seqn3s92)
- 6- Pratik Singh Thakur, **Rohit Kumar Verma** and Rakesh Tiwari, A comparison between the fuzzy c-means clustering algorithm and the k-mean clustering algorithm, Available online at <http://scik.org> *Eng. Math. Lett.* 2024, 2024:1 <https://doi.org/10.28919/eml/8403> ISSN: 2049-9337
- 7- Pratik Singh Thakur and **Rohit Kumar Verma**, Hard C-Means Clustering *Advanced Studies in Multidisciplinary Research* March 2024 ISBN: 978-81-957386-4-9, Sai Publication, Sai College Sector-6, Bhilai (C.G.), India
- 8- **Jayendra Shrivastava**, **Rohit Kumar Verma**, **Priya Chandrakar**, On fixed point convergence results for class of non-expansive mappings in hyperbolic spaces via PJ iteration process, *International Journal of Applied Mathematical Research*, 13 (1) (2024) 20-25 <https://www.sciencepubco.com/index.php/ijamr/article/view/32515>

❖ **Papers Published by Jayendra Shrivastava (Full Time Teacher in 2023-24)**

- 1- Samir Dashputre, Rakesh Tiwari and Jayendra Shrivastava, Approximating fixed points for generalized α -non-expansive mapping in $\text{cat}(0)$ space via new iterative algorithm *Nonlinear Functional Analysis and Applications* Vol. **29**, No. 1 (2024), pp. 69-81, ISSN: 1229-1595(print), 2466-0973(online) <https://doi.org/10.22771/nfaa.2024.29.01.06>
<http://nfaa.kyungnam.ac.kr/journal-nfaa>
- 2- Samir Dashputre, Rakesh Tiwari, Jayendra Shrivastava, A new iterative algorithm for generalized $(\alpha; \beta)$ -non-expansive mapping in $\text{cat}(0)$ space *Adv. Fixed Point Theory*, 2023, 13:11 <https://doi.org/10.28919/afpt/8084> ISSN: 1927-6303 Available online at <http://scik.org>
- 3- Samir Dashputre, Rakesh Tiwari and Jayendra Shrivastava, Approximation of fixed points for class of generalized non-expansive mapping via new iteration process, *South East Asian J. of Mathematics and Mathematical Sciences*, Vol. 19, No. 3 (2023), pp. 145-160 DOI: 10.56827/SEAJMMS.2023.1903.13, ISSN (Online): 2582-0850, ISSN (Print): 0972-7752 https://www.researchgate.net/publication/379001227_APPROXIMATION_OF_FIXED_POINTS_FOR_CLASS_OF_GENERALIZED_NONEXPANSIVE_MAPPING_VIA_NEW_ITERATION_PROCESS

Note- Dr. Rohit Kumar Verma, Sri Jayendra Shrivastava, Ku. Priya Chandrakar and Dr. Gaurav Sharma are the Full Time Teachers of this Institute in 2023-24.