

Faculty Details

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Published Papers in National / International Journals

1. Some Fixed Point Theorems Using Different Spaces In Banach Algebras, Journal of Informatics and Mathematical Sciences, 17(1), 59-64, 2025.
2. Common coupled fixed point theorems via ψ -contractions in generalized G-fuzzy metric spaces, Adv. Fixed Point Theory, 1927-6303, 15 (2025), Article-ID 50, 2025.
3. Fuzzy fixed point results for interpolative Kannan type contractions, Eng. Math. Lett., 2049-9337, 2025 (2025), Article ID 6, 2025.
4. Common Fixed Points of Generalized Interpolative Kannan-Meir-Keeler Pair Contraction, Journal of Informatics and Mathematical Sciences, 0975-5748, 17(3) (2025), 305-314, 2025.
5. The generalized interpolative Kannan type contractions common fixed points for mappings, Eng. Math. Lett., 2049-9337, 2025 (2025), Article ID 3, 2025.
6. A study on differential equations with applications of fuzzy fixed-point theorems, International journal of research and analytical reviews, 2348-1269, 12(2), 2024.
7. Generalized common fixed-point theorem for hybrid mapping in modified fuzzy metric Spaces with application, Global journal of pure and applied mathematics, 0973-1768, 21(3) , 2024.
8. some fixed-point Theorems using different spaces in Banach algebras, Journal of informatics and mathematical sciences, 0975-5748, 17(1) 59-64, 2024.
9. On result of some nonlinear functional integral equations in Fixed point Theorem over Banach algebra, International academy of physical science, 0974-9373, 29(2) 47-53, 2024.

10. The generalized interpolative Kanan type contractions common fixed for two mappings, Engineering mathematics letters, 2049-9337, 3, 2024.
11. Some fixed point theorems result on Banach algebras, Journal of scientific research in allied sciences, 2455-5800, 10(1), 7-15, 2024.
12. Fixed point theorems with multi-valued operator of Banach algebras, International journal of research and analytical reviews, 2348-1269, 11(4), 2024.
13. Some common fixed-point theorems in fuzzy metric space using compatibility of mappings, International research journal of commerce, arts and science, 2319-9202, 15(3), 2024.
14. Common fixed points for weakly commuting mapping on a multiplicative B-metric space, Engineering mathematics letters, 2049-9337, 3, 2024.
15. Approximating common fixed points on multiplicative b-metric spaces using the weakly commuting mappings, International journal of applied mathematical research, 20 – 25, 2024.
16. Common fixed-point results for four maps satisfying contractive condition in multiplicative B-metric spaces, Adv. Fixed Point Theory, 1927-6303, 14, 2024.
17. Reliability modeling and analysis of an industrial system with one main unit with two subunit, International journal of science and research, 2319-7064, 12(12), 2024.
18. Analysis of hulling system in rice mill plant with variable demand, International Journal of Engineering and computer science, 2319-7242, 13(2), 2023.

CO-CONVENER

1. **National Conference** on “Establishing kinship between Mathematical Sciences & Society” (**NCKMS 09**), Sponsored by U.G.C., C.S.I.R. & Department of Higher Education Govt. of C. G. Oct. 30-31 2009
2. **National Workshop** on “Recent Trends in Graph Theory & Cryptography” (**NWRGC 11**), Sponsored by University Grants Commission (U.G.C.), Chhattisgarh Council of Science & Technology (COST) & Department of Higher Education Govt. of C. G. Oct. 11-13, 2011.
3. **National Seminar** on “The Rich Heritage of Mathematics in India” (**NSRHMI - 12**) Sponsored by Chhattisgarh Council of Science & Technology (COST) Oct. 26- 27, 2012.
4. **National Mathematics Day Celebration**, Organized by Govt. V.Y.T. PG. College,

- Durg (C.G.) in Collaboration with Govt. Madhav Science College, Ujjain (M. P.) and Institute of Excellence in Higher Education, Bhopal (M.P.) on Dec. 29, 2020.
5. **National Mathematics Day Celebration**, Organized by Govt. V.Y.T. PG. Autonomous College, Durg (C.G.) Catalyzed by Chhattisgarh Council of Science & Technology (CCOST) and National Council for Science & Communication (NCSTC), DST, Govt. of India, New Delhi on Dec. 29, 2021.
 6. **National Mathematics Day Celebration, (Online)** Organized by Govt. V.Y.T. PG. Autonomous College, Durg (C.G.) Catalyzed by Chhattisgarh Council of Science & Technology (CCOST) and National Council for Science & Communication (NCSTC), DST, Govt. of India, New Delhi in association with Govt. Madhav Science College, Ujjain (M. P.), Institute of Excellence in Higher Education, Bhopal (M.P.), Bastar University, Jagdalpur (C.G.) and Bhilai Institute of Technology, Durg (C.G.) on April 13, 2022.
 7. **National e-Workshop for NET / SLET Aspirants (NeWNA-23)**, Organized by Govt. V.Y.T. PG. Autonomous College, Durg (C.G.) Sponsored by Rashtriya Uchchatar Shiksha Abhiyan (**RUSA**) in collaboration with Govt. Madhav Science College, Ujjain (M. P.), Institute of Excellence in Higher Education, Bhopal (M.P.), Bastar University, Jagdalpur (C.G.) and Bhilai Institute of Technology, Durg (C.G.) March 13-18, 2023.
 8. **National Mathematics Day Celebration, (Online)** Organized by Govt. V.Y.T. PG. Autonomous College, Durg (C.G.) Catalyzed by Chhattisgarh Council of Science & Technology (CCOST) and National Council for Science & Communication (NCSTC), DST, Govt. of India, New Delhi on March 20, 2023.
 9. **Workshop on “MATLAB: Applications in Sciences**, Sponsored by Rashtriya Uchchatar Shiksha Abhiyan (**RUSA**) in collaboration with Bhilai Institute of Technology, Durg (C.G.) July 06-10, 2023.
 10. **National e-Workshop for NET / SLET Under the scheme of Career Guidance**, Organized by Govt. V.Y.T. PG. Autonomous College, Durg (C.G.) Sponsored by Rashtriya Uchchatar Shiksha Abhiyan (**RUSA 2.0**) in collaboration with Govt. Madhav Science College, Ujjain (M. P.), Institute of Excellence in Higher Education, Bhopal (M.P.), Bastar University, Jagdalpur (C.G.) and Bhilai Institute of Technology, Durg (C.G.) October 14 – 16, 25 – 26, 2025.
 11. **National e-Workshop on Introduction to LATEX** Under the Scheme of Capacity Building (RUSA 2.0), Organized By Department of Mathematics Govt. V. Y. T. PG. Autonomous College, Durg (C. G.) In Collaboration With Institute for Excellence in Higher Education, Bhopal (M. P.) Bhilai Institute of Technology, Durg (C. G.) Govt. B.C.S. PG. College, Dhamtari (C.G.) Govt. Dr. Shyama Prasad Mukherjee Sc. & Commerce College, Bhopal (M. P.) October 28 – 31 & November 1, 2025.