Centre/School/Special Centre – Guru Ghasidas Vishwavidyalaya

Department – Department of Mathematics

Phone - 9407600463

Email - asranadive04@yahoo.co.in

Personal Webpage Link - NA

Qualifications: M.Sc., M.Phil., Ph.D.

Area of Interest/Specialization: Algebra, Fixed point theory, Fuzzy logic, Fuzzy algebra

Experience: 35+years

Best Peer Reviewed Publication (up-to 10):

1. Ranadive A.S., and S. P. Singh. "On the degree of approximation by positive linear operators using the B-summability method." *Revista Colombiana de Matemáticas* 25.1-4 (1991): 1-10.
2. Ranadive A.S., and S. P. Singh. "On Approximation by a Power Series Type Operator." *Kyungpook Mathematical Journal* 35.1 (1995): 25-32.
3. Pant, R. P., Ranadive A.S., and D. Gopal. "A Remark on Balasubramaniam Fixed Point Theorem for Four Mappings in A Fuzzy Metric Space." *Journal of fuzzy mathematics* 15.4 (2007): 997.
4. Gopal, D., Urmila Mishra, and Ranadive A.S. "A Note on Common Fixed Points of Four Mappings in A Fuzzy Metric Space." *Journal of Fuzzy Mathematics* 17.4 (2009): 771.
5. Mandal, Prasenjit, Arpita Das, and A. S. Ranadive. "ST-quotient Subrings". The journal of fuzzy mathematics. Vol 19. No. 1. 2011.
6. Mandal, Prasenjit, and Ranadive A.S. "Similarity of L-fuzzy Relations Based on L-topologies Induced by L-fuzzy Rough Approximation Operators." *Fuzzy Information and Engineering* 9.1 (2017): 21-44.
7. Mandal, Prasenjit, and Ranadive A.S. "Decision-theoretic rough sets under Pythagorean fuzzy information." *International Journal of Intelligent Systems* 33.4 (2018): 818-835.
8. Mandal, Prasenjit, and Ranadive A.S. "Pythagorean fuzzy preference relations and their applications in group decision-making systems." *International Journal of Intelligent Systems* 34.7 (2019): 1700-1717.

9. Mandal, Prasenjit, Sovan Samanta, Madhumangal Pal, and A. S. Ranadive. "Pythagorean linguistic preference relations and their applications to group decision making using group recommendations based on consistency matrices and feedback mechanism." *International Journal of Intelligent Systems* 35, no. 5 (2020): 826-849.
10. Pandey, Sakshi Dev, Ranadive A.S. and Sovan Samanta. "Bipolar-valued hesitant fuzzy graph and its application." *Social Network Analysis and Mining* 12.1 (2022): 1-12.

Recent Books: An introduction to matric spaces, CRC press Taylor and Francis Group, 2021

Research Supervision: 4(awarded) + 3(ongoing)

Administrative Responsibilities: Ex Control of Examinations, Director IQAC, Dean, School of Studies in Mathematical & Computational Science