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Professor & Head

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EDUCATIONAL QUALIFICATIONS

- **B. Sc. (Ag.):** T.C.A. Dholi, RAU, Bihar, Pusa, Samastipur
- **M.Sc.(Ag) Plant Pathology:** RAU, Bihar, Pusa, Samastipur
- **Ph.D. Plant Pathology:** RAU, Bihar, Pusa, Samastipur

PROFESSIONAL AREA

- **Research Area:** Rice, Pulses, Spices, Mushroom & Sugarcane pathology
- **Research Interests:** Mycology & Plant Pathology (various crops)
- **Memberships/Fellow of Societies:** Life membership of RAU, Journal of Research; Life Membership of Indian Phytopathological Society, IARI, New Delhi; Life membership of Oriza (An international Journal)- IIRR, Cuttak (Odisha); Life Membership of Journal of Rice Research, IIRR-Hyderabad; Membership of International Society of Mycology & Plant Pathology, Deptt. of Plant Pathology, MPUAT, Udaipur

PUBLICATIONS

- **Research articles / Review articles /Short Communication: 75**
- **Books & Book Chapter: 10**
- **Popular articles: 50**

KEY PUBLICATIONS:

- Banshidhar, Jaiswal, P., Kumar, R., & Rai, B. 2021. Assessment of Genetic Parameter of Variability and Heritability based on Morphological Traits and Disease Parameters for Brown Spot in Rice (*Oryza sativa* L.). *International Journal of Plant & Soil Science*, 33(17), pp. 183-192.
- Kumar, C., Chand, P., Choudhary, C. S., Akhtar, M. N. S., & Rai, B. (2021). Effect of Spacing and dosage of Nitrogen against the Maydis Leaf Blight Disease of Maize. *International Journal of Environment and Climate Change*, 11(5), pp. 23-33.
- Kumar, C., Chand, P., Choudhary, C.S. and Rai, B., 2021. In vitro evaluation of fungicides, botanicals and bio-agents against the maydis leaf light disease of maize caused by *Helminthosporium maydis*. *The Pharma Innovation Journal* 2021; 10(6), pp. 399-406.
- Kumar J.N.N. and Rai,B.(2021). Variability among the Isolates of *Sarocladium oryzae* Isolated from Bihar (Zone I). *Biological Forum – An International Journal* 13(2), pp. 269-272
- Ravali,S., Rai, B. and Jha, P.K. (2021). Isolation and Evaluation of Native Soil Bio-agents against *Rhizoctonia solani* Kuhn. *Int.J.Curr.Microbiol.App.Sci* (2021) 10(01), pp. 2695-2703.
- Ravali, S., Rai, B. and Jha, P.K. (2021).Correlating The Development of Sheath Blight Disease of Rice With Changing Climatic Factors. *IAR J Agri Res Life Sci*, 2(1), pp. 98-103.
- Naveena, S., Rai, B., and Ranjan, R,K., (2020) Efficacy of Amibacterial Chemical and Essential oils against *Xanthomonas oryzae* pv. *oryzae* under in vitro conditions. *Internal Journal of Current Microbiology and Applied Sciences*. Issue – 11, pp. 2793-2771