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### EDUCATIONAL QUALIFICATIONS

- **B. Sc. (Ag.):** Rajendra Agricultural University, Pusa, Samastipur, Bihar
- **M.Sc. (Ag) Nematology:** Rajendra Agricultural University, Pusa, Samastipur, Bihar
- **Ph.D. Nematology:** Coudhary Charan Singh Haryana Agricultural University, Hisar, Haryana

### PROFESSIONAL AREA

- **Research Area:** Nematodes and Plant Protection
- **Research Interests:** Plant Parasitic Nematodes, Mushroom Nematodes, Entomopathogenic Nematodes, Predatory Nematodes, Fungi, Beneficial Nematodes etc.
- **Memberships/Fellow of Societies:** Nematological Society of India (NSI); New Delhi; Indian Society of Mycology and Plant Pathology (ISMPP), Udaipur; RAU Journal of Research, Pusa, Samastipur; Society for Upliftment of Rural Economy (SURE), Varanasi, Green Agri Professional Society, Dhanbad, Jharkhand.

### PUBLICATIONS

- **Research articles / Review articles /Short Communication: 15**
- **Books & Book Chapter: 10**
- **Popular articles: 20**

### KEY PUBLICATIONS:

- Singh, B., Das, A., Parihar, A.K., Bhagawati, B., Singh, D., Pathak, K.N., Dwivedi, K., Das, N., Keshari, N., Midha, R.L. and Kumar, R., 2020. Delineation of Genotype-by-Environment interactions for identification and validation of resistant genotypes in mungbean to root-knot nematode (*Meloidogyne incognita*) using GGE biplot. Scientific reports, 10(1), pp.1-14.
- Keshari, N. and Kranti, K.V.V.S.K., 2020. Integrated Management of Phytopathogenic Nematodes Infesting Mushroom. In Management of Phytonematodes: Recent Advances and Future Challenges (pp. 141-170). Springer, Singapore.
- Kumar, R., Keshari, N. and Dayaram, 2020. Occurrence of Nematophagous fungi in the fresh and spent button mushroom compost in Bihar. Journal of Pharmacognosy and Phytochemistry, 9(3), pp.119-123.
- Kumar, R., Keshari, N., Pathak, K.N. and Dayaram. 2020. Efficacy of Nematophagous fungi from button mushroom compost on the myceliophagous nematodes. Journal of Pharmacognosy and Phytochemistry, 9(2), pp.1318-1323.
- Keshari, N., and Kanwar R.S., 2016. Survival of predatory nematode *Fictor composticola* Khan et al. in agar plates and spent mushroom compost. Geobios., 43 (3-4), pp. 19-32
- Pathak, K.N. and Keshari, N., 2004. Interaction of *Meloidogyne incognita* with *Fusarium oxysporum* f. *conglutinans* on Cauliflower. Indian Journal of Nematology, 34(1), pp.85-87.
- Pathak, K.N. and Keshari, N., 2003. Management of root-knot disease of cauliflower by organic amendments and carbofuran. Indian Journal of Nematology, 33(2), pp.191-193.
- Pathak, K.N. and Keshari, N., 2000. Effect of inoculum levels of *Meloidogyne incognita* (Kofoid and White 1949) Chitwood 1919, on seed germination, seedling emergence and plant growth of red beet (*Beta vulgaris* var. *crassa*). Pest Management in Horticultural Ecosystems, 6(2), pp.118-123.
- Pathak, K.N., Keshari, N., and Haider, M.G., 2000. Effect of population levels of *Meloidogyne incognita* on seed germination, seedling emergence and plant growth of cauliflower. Indian Journal of Nematology, 30(1), pp.8-12.
- Keshari, N. and Kanwar, R.S. 2021. The Predation Behaviour of *Fictor composticola* on Parasitic Nematodes of Button Mushroom, *Agaricus bisporus*. International Journal of Bio-resource and Stress Management 2021, 12(6), 751-758. <https://doi.org/10.23910/1.2021.2430>.
- Keshari N., Madhuri, Kanwar, R.S. and Bajaj, H.K. 2017. New host records of *Meloidogyne arenaria* and *M. incognita*. Indian Journal of Nematology, 47: 252.