



**Dr. Dinesh Rai**  
**Assistant Professor**

A. Department of Plant Pathology & Nematology,  
PGCA, RPCAU, Pusa, Samastipur-848 125 Bihar,  
India  
M. drai1975@gmail.com  
T. +91 7091855455

### EDUCATIONAL QUALIFICATIONS

- **B. Sc. (Ag.):** Purvanchal University Jaunpur (U.P.)
- **M.Sc. (Ag) Plant Pathology:** VBSPU, Jaunpur (U.P.)
- **Ph.D. Plant Pathology:** G.B. Pant University of Agriculture & Technology, Pantnagar, Uttarakhand

### PROFESSIONAL AREA

- **Research Area:** Biological Control
- **Research Interests:** Biological Control & Mycology
- **Memberships/Fellow of Societies:** Indian Phytopathological Society (Life member); Society of Mycology and Plant Pathology (Life member); Indian Society of Oil Seeds Research (Life member); Society of Rapeseed Mustard Research (Life member); RAU, Journal of Research (Life member); Trends in Bio Sciences (Life Member); Advances in Life Sciences (Life Member).

### PUBLICATIONS

- **Research articles / Review articles /Short Communication: 35**
- **Books & Book Chapter: 12**
- **Popular articles: 50**

### KEY PUBLICATIONS:

- Agarwal, P.C., Baleshwar, S., Usha, D., Indra, R., Rai, D., Joshi, K.D., Dinesh, C., Maurya, A.K. and Khetarpal, R.K., 2004. Interception of seed-borne pathogens in introduced planting material. *Indian Journal of Microbiology*, 44(1), pp.37-42.
- Meena, P.D., Gour, R.B., Gupta, J.C., Singh, H.K., Awasthi, R.P., Netam, R.S., Godika, S., Sandhu, P.S., Prasad, R., Rathi, A.S. and Rai, D., 2013. Non-chemical agents provide tenable, eco-friendly alternatives for the management of the major diseases devastating Indian mustard (*Brassica juncea*) in India. *Crop Protection*, 53, pp.169-174.
- Rai, D., and Tewari, A.K., 2017. Optimization of nutrient sources to increase the biomass production and development of *Trichoderma harzianum* Th14 formulations. *Journal of Mycology and Plant Pathology*, 47(2), pp.153-167.
- Rai, D., Jain, C., Maheshwari, S.K., Rani, I., Singh, B., Rajan. Khetarpal, R.K. and Lal, A., 2004. Detection of pathogenic fungi and nematodes in indigenous germplasm during 2002. *Indian Journal of Plant Protection*, 32 (1), pp. 154-157.
- Singh, B., Agarwal, P.C., Rani, I., Rai, D. and Khetarpal, R.K., 2004. Pathogenic fungi detected in indigenous germplasm during 1999-2001. *Indian Journal of Plant Protection*, 32 (1), pp. 102-106.
- Saxena, D., Tewari, A.K. and Rai, D., 2014. The in vitro effect of some commonly used fungicides, insecticides and herbicides for their compatibility with *Trichoderma harzianum* PBT23. *World Applied Sciences Journal*, 31(4), pp.444-448.
- Rai D. and Tewari, A.K., 2016. Effect of *Trichoderma* formulation on vigour and mortality of chickpea. *African Journal of Science and Research*, 5 (4), pp. 67-73.
- Rai, D. and Tewari, A.K., 2016. Evaluation of different carbon and nitrogen sources for better growth and sporulation of *T. harzianum* (Th14). *Journal of Agricultural Biotechnology and Sustainable Development*, 8(8), pp.67-70.
- Rai, D., Mishra, A.K. and Pandey, A., 2015. Eco-friendly management of *Alternaria* blight in Indian mustard (*Brassica juncea* L.). *Journal of Oilseeds Research*, 26, pp.242-246.
- Rai, D. and Tewari, A.K., 2016. Shelf life studies of different formulations based on *Trichoderma harzianum* (Th14). *Annals of Biological Research*, 7(7), pp.1-5