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### EDUCATIONAL QUALIFICATIONS

- **B. Sc. (Ag.):** T.C.A. Dholi, RAU, Bihar, Pusa, Samastipur
- **M.Sc. (Ag) Plant Pathology:** B.C.K.V., Mohanpur, West Bengal
- **Ph.D. Plant Pathology:** I.A.R.I., New Delhi

### PROFESSIONAL AREA

- **Research Area:** Bacterial wilt & Rice Diseases
- **Research Interests:** Bacterial wilt & Rice Diseases
- **Memberships/Fellow of Societies:** Life membership of RAU, Journal of Research; Life membership of Agro Environmental Development Society, Rampur UP; Life Membership of Indian Phytopathological Society, IARI, New Delhi; Life membership of Green Agri Professional Society

### PUBLICATIONS

- **Research articles / Review articles /Short Communication: 12**
- **Books & Book Chapter: 05**
- **Popular articles: 08**

### KEY PUBLICATIONS:

- Ranjan, R.K. and Singh, D., 2015. Occurrence of biovars, races and phylotyping of *Ralstonia solanacearum* causing brown rot disease of potato under different agro-climatic conditions. *Journal of Pure and Applied Microbiology*, 9(4), pp.2931-2942.
- Ranjan, R.K., Dinesh, S., Sharma, P. and Shri, D., 2015. Characterization and genetic diversity of *Ralstonia solanacearum* causing brown rot disease of potato. *Indian Phytopathology*, 68(4), pp.368-374.
- Ranjan, R.K., Singh, D. and Baranwal, V.K., 2016. Simultaneous detection of brown rot-and soft rot-causing bacterial pathogens from potato tubers through multiplex PCR. *Current microbiology*, 73(5), pp.652-659.
- Ranjan, R.K. and Dinesh, S., 2016. Effect of storage temperature on survival, transmission of *Ralstonia solanacearum* and quality of potato tubers during storage. *Indian Phytopathology*, 69(4s), pp.294-298.
- Ranjan, R.K. and Singh, D., 2020. Effect of temperature and inoculum level on development of soft rot of potato caused by *Erwinia carotovora* subsp. *carotovora* and their molecular detection through polymerase chain reaction. *J. Pharmacogn. Phytochem*, 9, pp.1414-1419.
- Ranjan, R.K. and Singh, D., 2020. Detection and quantification of *Ralstonia solanacearum* through conventional and molecular techniques and spoilage in stored potato at different temperatures during storage. *Journal of Pharmacognosy and Phytochemistry*, 9(2), pp.1103-1109.