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### EDUCATIONAL QUALIFICATIONS

- **B. Sc. (Ag.):** Institute of Agricultural Sciences, Banaras Hindu University, Varanasi
- **M.Sc.(Ag) Seed Science & Technology:** ICAR-Indian Agricultural Research Institute, New Delhi
- **Ph.D. Seed Science & Technology:** ICAR-Indian Agricultural Research Institute, New Delhi

### PROFESSIONAL AREA

- **Research Area:** Seed Science & Technology
- **Research Interests:** Seed Quality, Seed Storage, Abiotic Stress and Biotic Stress, Seed Enhancement for Stress Mitigation, Genomics, Nanotechnology
- **Memberships/Fellow of Societies:** Life membership of Indian Society of Seed Technology; Lifetime member of Trends in Biosciences Journal; Lifetime member of Advances in Life Science Journal; Associate Editor in Journal of Agricultural Science & Practice; Editorial Board Member in American Journal of Agriculture & Forestry; Reviewer in International Journal of Creative Research Thoughts; Review Board Member in Acta Scientific Agriculture; Editorial Board Member in International Journal of Applied Agricultural Sciences; Editorial Board Member in Agriculture & Environment e-Newsletter.

### PUBLICATIONS

- **Research articles / Review articles /Short Communication: 15**
- **Books & Book Chapter: 03**
- **Popular articles: 08**

### KEY PUBLICATIONS:

- Singh, S.K., Chakrabarty, S.K., Pandey, R., Singh, Y. 2013. Effect of temperature at various growth stages on seed quality in brassica species. Seed Research. 41(2), pp.134-142.
- Singh, S.K., Tomar, B.S., Anand, A., Kumari, S. and Prakash, K. 2018. Effect of growth regulators on growth seed yield and quality attributes in garden pea (*Pisum sativum* var. Hortense) cv. Pusa Pragati. Indian Journal of Agricultural Sciences. 88(11), pp. 1730-1734.
- Singh, S.K., Kumari, S. Tomar, B.S., Shivay, Y.S. and Joshi, M.A. 2018. Effect of date, method of sowing and seed rate on growth, yield and seed quality attributes in garden pea. Vegetable Sciences. 45(2), pp. 220-225.
- Singh, S.K., Tomar, B.S., Shivay, Y.S., Joshi, M.A., Anand, A., Prasad, R. and Kumari, S. 2018. Effect of level and sources of phosphorus on morpho-physiological, seed yield and quality parameters in garden pea (*Pisum sativum*). Indian Journal of Agronomy. 63 (4), pp. 477-481.
- Kumari, S. Lohani, P., and Singh, S.K. 2020. In-silico gene characterization and Promoter analysis of drought inducible MYB gene from *Eleusine coracana*. Journal of Pharmacognosy and Phytochemistry. SP6, pp. 123-127.
- Kumari, S., Singh, B., Singh, S.K., Satya, D., Singh, S., Tripathy, K., Gaikwad, K., Rai, V., and Singh, N.K. 2021. Exploring novel QTLs among backcross lines for salinity tolerance in rice. Indian Journal of Agricultural Sciences. 91 (3), pp. 95-98.
- Kumari, S., Singh, B., Satya, D., Singh, S., Singh, S.K., Rai, V., Gaikwad, K., Krishnan, G.S., Chinnusamy, V., Sharma, P.C., Krishnamurthy, S.L. and Singh, N.K. 2021. Mapping of QTLs for seedling and reproductive stage salt tolerance from wild rice (*Oryza nivara* Sharmaet. Shastri) (3rd revision)
- Kumari, S., Sharma, S., Kumar, A. and Lohani, P. 2017. Role of abscisic acidin regulating the expression of EcMyb gene for drought stress tolerance in *Eleusine coracana*. Journal of Environment and Biotechnology Research. 6(1), pp. 137-145.
- Kumari, S. and Singh, S.K. 2018. Regulation of ABA Homeostasis in Plants during Stress. Indian Res. J. Genet. & Biotech. 10(2), pp. 208-221.
- Kumari, S. Singh, S.K., Sharma, V.K., Kumar, R., Mathur, M., Upadhyay, T.K. and Prajapat, R.K. 2021. CRISPR-Cas: A Continuously Evolving Technology. Indian Journal of agricultural Sciences. 91(9), pp.10-15.