

## CURRICULUM VITAE



### **Dr. Ajay Kumar Singh**

Assistant Professor and Head



Department of Agriculture Botany  
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### **Field of Specialization:**

Morpho-physiological, Biochemical and Histochemical properties of biotic and abiotic stress physiology

**Joining date of R.K. (PG) College, Shamli:** 6<sup>th</sup> June, 2022

**Educational Qualifications:** Ph.D.

Examinations/Degree	Board/University
M. Sc. (Plant Physiology)	Banaras Hindu University, Varanasi
Ph. D. (Plant Physiology)	Banaras Hindu University, Varanasi
ICAR-NET (Plant Physiology)	Agriculture Scientist Recruitment Board (ASRB), New Delhi

### **Publications (Research/Review/Lead/Book/Book Chapters/Popular Articles)**

#### **Research Papers**

- Ajay Kumar Singh** and Padmanabh Dwivedi (2019) Identification of Plant Growth Promoting Rhizobacteria as Biofertilizer for salt stress environment, International Journal of Current Microbiology and Applied Sciences, 8(1):2633-2645.
- Ajay Kumar Singh** and Padmanabh Dwivedi (2018) Modulation of Salt Stress Induced Responses in Pea (*Pisum sativum* L.) Through Salicylic Acid and *Trichoderma* Application, International Journal of Current Microbiology and Applied Sciences, 7(4):3173-3185.
- Ajay Kumar Singh** and Padmanabh Dwivedi (2018) Modulating effect of salicylic acid and *Trichoderma* in pea (*Pisum sativum* L.) under salt stress, Journal of Pharmacognosy and Phytochemistry, 7(2): 2576-2582
- Ajay Kumar Singh** and Padmanabh Dwivedi (2018) Salicylic acid and *Trichoderma* ameliorate salt stress responses in pea (*Pisum sativum* L.), International Journal of Agriculture, Environment and Biotechnology, 11 (2): 387-396.

### **Trainings and online courses**

- National Online Training on Intellectual Property Right & Patent Facilitation organized by MIT-ADT University, Pune, Maharashtra on 6<sup>th</sup> to 8<sup>th</sup> July, 2020.
- National training on Seed Production Techniques in Agronomical & Horticultural crops jointly organized by R.B. (PG) College Agra & ICAR-IGFRI, Jhanshi, U.P. on 13<sup>th</sup> to 18<sup>th</sup> July, 2020.
- Online course on “Understanding of coastal ocean processes using Remote Sensing and Numerical Modelling” organized by Indian Institute of Remote Sensing, ISRO, Dehradun, H.P. on 21<sup>th</sup> to 25<sup>th</sup> September, 2020.
- Online webinar on Entrepreneurship development through cultivation of Medicinal and Aromatic Plants” organized by College of Horticulture and Forestry, CAU, Imphal, Arunanchal Pradesh on 17<sup>th</sup> to 18<sup>th</sup> December, 2021.