

## Division of Crop Research

### Personal Details



Dr. Kumari Shubha  
Scientist (Vegetable Science)

Address: ICAR PARISAR, ICAR RESEARCH COMPLEX FOR  
EASTERN REGION, P.O.: B V COLLEGE, PATNA-800014  
Email : [shubha.veg@gmail.com](mailto:shubha.veg@gmail.com)

### Research Interest

Vegetable breeding and Disease resistance studies in vegetable crops

### Research Highlights

Screening of Potato, Capsicum and Garden pea varieties based on yield and other morphological and biochemical traits; Evaluation of Bottle guard and Garden pea germplasm based on yield associated and disease resistance traits.

### Memberships / Fellowships

- **ICAR-UG Fellowship** during B.Sc. (Hort.) programme
- **University Gold Medal** (B.Sc. Horticulture)
- **7<sup>th</sup> Rank** in All India Entrance Examination for Admission in Master's Degree Programme (Indian Council Agricultural Research- J.R.F.)
- **2<sup>nd</sup> Rank** in All India Entrance Examination for Ph.D. in Vegetable Science in Indian Agricultural Research Institute (IARI), New Delhi
- **DST-INSPIRE fellow** Awarded in 2013
- Qualified **ICAR-NET** in Vegetable Science

### Technology Developed

### Publication Details

Research papers- 6, Popular article-10, Book Chapters-5,

#### Research papers (recent five):

1. **Shubha, K.**, D Singh (2018) [Selection of Yield-Associated Morphological and Biochemical Traits Using Correlation and Path Coefficient Analysis in Potato \(\*Solanum tuberosum\* L.\) in the Foothills of North-Western Himalayas](https://link.springer.com/article/10.1007/s11540-018-9376-1). *Potato Research*. <https://link.springer.com/article/10.1007/s11540-018-9376-1>
2. **Shubha, K.**, Shri Dhar, H.Choudhary, S.C. Dubey and R.K. Sharma (2016) Identification of resistant sources and inheritance of Fusarium wilt resistance in garden pea. *Indian Journal of Horticulture*, September -2016; Vol No. 73 (3)
3. **Shubha** and Dharendra Singh (2015) Assessment Of Genetic Diversity through Principal component analysis in Potato (*Solanum tuberosum* L.) under Terai Region Of Uttarakhand) *Bioinfolet* 12 (1 B) : 150 – 153
4. **Shubha**, Dhar Shri (2016) Generation mean analysis for pod yield and its associated traits in garden pea (*Pisum sativum* L.) *Vegetable Science*, Volume: 42 (2): 43-46
5. Maity A., Mukherjee A., Pramanik P. and **Shubha** 2013. Shifting Towards Vegetable from Boro Rice Cultivation in PurbaMedinipur District of West Bengal. *Bioinfolet* 10 (3A): 876-878.

### Book Chapter (best three)

1. Mukherjee, A., Rakshit, S., Nag, A., Ray, M., Kharbikar, H.L., **Shubha, K.**, Sarkar, S., Paul, S., Roy, S., Maity, A., Meena, V.S., Burman, R.R.(2016) Climate Change Risk Perception, Adaptation and Mitigation Strategy: An Extension Outlook in Mountain Himalaya. *Conservation Agriculture: an approach to combat climate change in Indian Himalaya* (JK Bisht, VS Meena, PK Mishra and A Pattanayak. Springer. Pp 257-292.
2. Shubha, K., Mukherjee, A., Kumari, M., Tiwari, K., & Meena, V. S. (2017). Bio-stimulants: An Approach Towards the Sustainable Vegetable Production. In *Agriculturally Important Microbes for Sustainable Agriculture* (pp. 259-277). Springer, Singapore.
3. Roy, K., Mukherjee, A., Maity, A., Shubha, k., and Nag, A. (2018) Protecting non-basmati indigenous aromatic rice varieties of West Bengal under Geographical Indication: a critical consideration. The role of intellectual property rights in agriculture and allied science. Editor Roy, C. Apple Academic Press. Pages 273-296.