

## Academic Profile of Prasanth, K

Name : Prasanth, K

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Field of specialization: **Vegetable Science**

Educational Qualifications	Degree	University/Institute	Marks obtained (OGPA)
	B.Sc. (Hons.) Ag.	Kerala Agricultural University	8.47
	M.Sc. (Hort.)	Kerala Agricultural University	9.39
	Ph.D. (Hort.)	Indian Agricultural Research Institute New Delhi (IIHR Campus)	-

### Research Projects:

M.Sc. (2012-2014)	Identification of photo insensitive genotype of winged bean ( <i>Psophocarpus tetragonolobus</i> (L.) DC.)
Ph.D. (2015 to till date)	Genetics of inheritance and identification of molecular markers linked to powdery mildew resistance in bitter melon ( <i>Momordica charantia</i> L.)

### Achievements

- Secured **30<sup>th</sup>** Rank in ICAR'S AIEEA-PG-2013
- Kerala Agricultural University awarded **university first rank in M.Sc. (Hort.) (Olericulture) - 2014.**
- Cleared National Eligibility Test (**NET**) conducted by **ASRB** (ICAR), New Delhi, recognized by UGC/CSIR the discipline of vegetable science in 2014

- Secured 5<sup>th</sup> Rank in ICAR'S Senior Research Fellowship -2015

### Research papers published in Journals

1. **Prasanth, K.**, Sreelathakumary, I. and Celine, V.A. 2015. Evaluation of winged bean genotypes for quality characters. *Annals of Plant and Soil Research* 17(4): 421-422.
2. **Prasanth, K.** and Sreelathakumary, I. 2014. Variability and heritability studies for pod yield and its component characters in winged bean (*Psophocarpus tetragonolobus* (L.) DC.), *The Bioscan*, 9(4): 1795-1797.

### Abstracts published in Conferences/Symposia/ Seminars/Workshops: (all)

1. **Prasanth, K.**, Sreelathakumary, I. and Celine, V.A. 2016. Studies on the effect of climatic factors on growth and flowering in winged bean; an underexploited crop of great importance. National symposium on vegetable legumes for soil and human health, IIVR, Varanasi on February 12-14, 2016. pp. 267.
2. **Prasanth, K.**, Sreelathakumary, I. and Celine, V.A. 2015. Evaluation of winged bean (*Psophocarpus tetragonolobus* (L.) DC.) genotypes for stem borer and pod borer infestation. National conference on reinvigorating agricultural innovations for farmers empowerment and development, PJTSAU, Hyderabad during May 3-4, 2015. pp. 123.
3. **Prasanth, K.** and Sreelathakumary, I. 2015. Morpho-variability studies and genetic cataloguing of winged bean (*Psophocarpus tetragonolobus* (L.) DC) genotypes using standard descriptors. *Proceedings of Science and technology conference on science and society, Karnataka* during January 16-17 2015. pp 38-39.
4. **Prasanth, K.** and Sreelathakumary, I. 2014. Analysis of genetic variability for green vegetable pod yield and its component characters in winged bean. 6<sup>th</sup> *Indian Horticulture Congress, TNAU* 2014. pp 79.
5. Jacob Shemon, and **Prasanth, K.** 2014. Minor vegetables and nutritional security. UGC sponsored National Seminar on “*Emerging trends in family and community science*”. March 2014, Department of Home Science, Govt. College for Women, Thiruvananthapuram, pp.87-95.

### **Participation in Conferences/Symposia/ Seminars/Workshops:**

1. **6<sup>th</sup> Indian Horticulture Congress** (November 6-9, 2014) Conducted at TNAU, Coimbatore
2. **National seminar on challenges and innovative approaches in crop improvement** (December 16-17, 2014), AC & RI, Madurai, TNAU.
3. **4<sup>th</sup> international congress on Kerala studies** (April 27-28, 2015) Palakkad, Kerala
4. **3<sup>rd</sup> international symposium on Phytophthora: taxonomy, genomics, pathogenicity, resistance and disease management** (September 9-12, 2015), IIHR, Bengaluru, India
5. **International conference on vertical farming**, (November 2-3, 2015), Bengaluru, India