

## CURRICULUM VITAE



**Name** : VAIJAYANTHI, P. V.  
**Designation** : SCIENTIST (B)  
**Qualification** : MSc (Agri.), (PhD)  
**Subject Specialization** : GENETICS AND PLANT BREEDING  
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### Academic qualification

Degree	University / College	Subjects	Year of Passing
BSc (Hons). AGRICULTURE	KAU, THRISSUR	AGRICULTURE	2011
MSc. (Ag)	UAS, GKVK, BANGALORE	GENETICS AND PLANT BREEDING	2013
PhD (Ag)	UAS, GKVK, BANGALORE	GENETICS AND PLANT BREEDING	Pursuing

### Academic Research Experience

- Development and validation of core collections of dolichos bean gemplasm accessions.
- Identification of genetic determinants controlling pod yield and its component traits in dolichos bean through GWAS approach.

### International/National conferences / workshops /meeting/training attended

- National Conference on Crop Improvement and Adaptive Strategies to Meet Challenges of Climate Change, Bangalore, 22-24 February, 2013.
- Conference on integrating genomics with phenomics in crop improvement-learnings from commercial perspective, Hyderabad, 23<sup>rd</sup> -25<sup>th</sup> November, 2015.
- Training programme on protection of plant varieties and farmers right act, Bangalore, 21<sup>st</sup> December, 2013.

## Awards received

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- Secured First Rank in B. Sc (Agri) programme from KAU
- Awarded Best student award from KAU, Dr. N.P. Kumari Sushama memorial gold medal and Karshikolsavam-2007 Neyyattikara gold medal.
- Awarded ICAR Junior Research Fellowship (2011)
- Secured First Rank in M. Sc (Agri) programme from UAS (B)
- Awarded UAS (B) Gold medal for general merit, Dr. G. Shivashankar memorial gold medal, Sri. Chikkamadaiah and Smt. Basamma memorial gold medal and Dr. M. Radhakrishna memorial gold medal.
- Awarded DST-Inspire Fellowship (2014).

## Research publications

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Publications	Numbers
Full length Research Papers	: 10
Research Short notes	: 01
Research abstracts	: 04
Popular articles	: 01

## List most important recent five publications

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- **P. V. VAIJAYANTHI, S. RAMESH, M. BYRE GOWDA, A. MOHAN RAO, C. M. KEERTHI AND N. CHANDRAKANT, 2016**, Identification of trait-specific accessions from a core set of dolichos bean germplasm. *J. crop improvement*. **30(2):244-257.**
- **P. V. VAIJAYANTHI, RAMESH, S., BYRE GOWDA, M., MOHAN RAO, A., KEERTHI, C. M., 2015**, Development of Core Sets of Dolichos Bean (*Lablab purpureus* L. Sweet) Germplasm. *J. crop improvement*. 29(4): 405-419.
- **VAIJAYANTHI, P. V., RAMESH, S., BYRE GOWDA, M., MOHAN RAO, A., KEERTHI, C. M., MARRY REENA, G. A., 2015**, Genetic variability for morphometric traits in Dolichos bean (*Lablab purpureus* L. Sweet) germplasm. *J. Food legumes*. 28(1): 5-10.
- **KEERTHI, C. M., RAMESH, S., BYREGOWDA, M., VAIJAYANTHI, P. V., MANGALAGOWRI, N., SHOWKATHBABU, M. AND MOHAN RAO, A. 2016**, Identification of putative parents for developing populations for mapping genomic regions controlling economically important traits in dolichos bean (*Lablab Purpureus* L.). *Ecology, Environment and Conservation*. 22 (1): 127-132.
- **CHANDRAKANT, RAMESH, S., VAIJAYANTHI, P. V., BYREGOWDA, M., MOHAN RAO, A., KEERTHI, C. M., SHIVAKUMAR, M. S., 2015**, Impact of F<sub>2</sub> bi-parental on quantitative traits inter-relationships and frequency of transgressive segregants in Dolichos bean (*Lablab purpureus* L.). *Electronic J. Plant Breed.*, 6(3): 723-728.