

Academic Profile

Name : Bhanu murthy K. C
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Field of specialization: **Floriculture and Landscape Architecture**

Describe yourself: I completed my graduation from a region which is vastly covered with Horticultural crops and nurseries, this helped me to have a better exposure and proper understanding of practical problems to these crops. This experience made me strong enough in handling and managing the problems in the field of Horticulture. Henceforth, I'm looking forward for an opportunity to enroll myself in this promising field.

Strengths:

- Ability to work hard.
- Ability to adapt to different working environments.
- Positive thinking.
- Good communication skills.
- Computer efficiency

Educational Qualifications:

Degree	University/Institute	Marks obtained (%)
B. Sc. (Horticulture)	Horticultural College and Research Institute, Ananthrajupeta, Dr YSRHU	8.13
M. Sc. (Horticulture)	College of Horticulture, Rajendranagar, Hyderabad, Dr YSRHU	9.05
Ph.D. (Horticulture)	Indian Agricultural Research Institute, New Delhi (IIHR campus)	-

Research Projects:	
M.Sc. (2012-2014)	Studies on the effect of postharvest treatments and floral preservatives on extension of vase life of cut gerbera (<i>Gerbera jamesonii</i> Bolus Ex. Hook) cv. Savannah
Ph.D. (2015 to till date)	Enhancing yield, quality and water productivity in open field chrysanthemum (<i>Dendranthema grandiflora</i> Tzelev.) var. Marigold through phenophase based irrigation and fertigation levels

Achievements

- Received **University Gold Medal** in the Department of Horticulture during my post graduation from Dr YSRHU, Andhra Pradesh.
- Awarded **INSPIRE Fellowship** to pursue my Ph.D. degree from Department of Science and Technology (Ministry of Science and Technology) Govt. of India, New Delhi.
- Cleared National Eligibility Test (**NET**) conducted by **ASRB** (ICAR), New Delhi recognized by UGC/CSIR in the discipline of Floriculture and Landscape Architecture in 2014
- Worked as Senior Research Fellow for **one year** at Indian Institute of Oil Palm Research (ICAR), Pedavegi, West Godavari (D), Andhra Pradesh.

Publications

Research Papers published in Journals:

1. **Bhanu murthy, K. C.**, Chandrasekhar, R. and Prashanth, P., 2014. Influence of precooling and pulsing on postharvest life of cut gerbera (*Gerbera jamesonii* Bolus ex. Hook) cv. Savannah. **Progressive Research** 9: 533-535.
2. **Bhanu murthy, K. C.**, Prashanth, P., Chandrasekhar, R. and Suresh, N., 2015. Effects on the use of essential oils as floral preservatives in extension of vase life of cut gerbera cv. savannah under ambient condition. **Research Journal of Agricultural Sciences** 6(3): 669-672.
3. **Bhanu murthy, K. C.**, Chandrasekhar, R. and Prashanth, P., 2015. Enhancing the postharvest life of cut gerbera (*Gerbera jamesonii* Bolus ex. Hook) cv. savannah with

locally available preservatives under cold storage conditions. **Research Journal of Agricultural Sciences** 6(3): 689-692.

4. **Bhanu murthy, K. C.**, Chandrasekhar, R., Prashanth, P. and Syam raj naik, C., 2015. Improving the storage life of cut gerbera (*Gerbera jamesonii* Bolus ex. Hook) cv. savannah by application of essential oils under cold storage. **Annals of Plant and Soil Research** 17: 332-335.
5. **Bhanu murthy, K. C.**, Prashanth, P. and Chandrasekhar, R., 2015. Extending the vase life of cut gerbera (*Gerbera jamesonii* Bolus ex. Hook) cv. savannah by using locally available floral preservatives under ambient storage. **International Journal of Bio-resource and Stress Management** 6(3): 402-406.

Popular Articles

1. **Bhanu murthy, K. C.**, Saidulu, Y., Sunil Kumar and Anish, M., 2016. Polythene mulches. Kerala Karshakan., 3(9): 26-28.
2. **Bhanu murthy, K. C.**, 2016. Organic floral preservatives. Kerala Karshakan., 3(11): 29-30.
3. **Eight articles** published in Rytu Nestam (In Telugu).

Abstracts published in Conferences/Symposia/ Seminars/Workshops:

1. **Bhanu murthy, K. C.**, Chandrasekhar, R., Prashanth, P. and Syam raj naik, C., Improving the storage life of cut gerbera (*Gerbera jamesonii* Bolus ex. Hook) cv. savannah by application of essential oils under cold storage in national conference on reinvigorating agricultural innovations for farmer's empowerment and development held at PJTSAU, Hyderabad from May 3- 4, 2015.
2. **Bhanu murthy, K. C.**, Sunil Kumar, Prashanth, P. K., Sangma, D. and Pandav, A., Vertical farming- A science behind innovative horticulture in international conference on vertical farming from November 2-3, 2015.
3. **Bhanu murthy, K. C.**, Sunil Kumar, A. and Jagadeeswar, B., Studies on role of preservative solutions in extending the vase life of cut gerbera cv. savannah under

ambient condition in national conference on floriculture and landscaping for urban and rural prosperity from february 28-29, 2016 at ICAR-IARI, New Delhi.

4. **Bhanu murthy, K. C.**, Prashanth, P. and Chandrasekhar, R., Extending the vase life of cut gerbera (*Gerbera jamesonii* Bolus ex. Hook) cv. savannah by using locally available floral preservatives under ambient storage in the second international conference on bio-resource and stress management from January 7- 10, 2015 in Hyderabad.
5. **Bhanu murthy, K. C.**, Chandrasekhar, R. and Prashanth, P., Effect of floral preservatives on physiological and biochemical changes of cut gerbera (*Gerbera jamesonii* Bolus ex. Hook) cv. savannah under cold storage conditions in national conference on crop physiology-emerging challenges and opportunities for sustainable agriculture held at S.V. Agricultural college, Tirupati on 3rd March, 2015.
6. Shaili kumari, Manish kumar, Ajay Pandav and **Bhanu murthy K.C.**, Association mapping in fruit breeding in national conference on fruit breeding in tropics and subtropics - an Indian perspective from April 27-29, 2016 at ICAR-IIHR, Bengaluru.

Participation in Conferences/Symposia/ Seminars/Workshops:

1. National seminar on **Science for Shaping the Future of India** from November 28-29, 2012 held in Hyderabad.
2. National conference on **Challenges and Opportunities for Production and Supply Chain of Pomegranate** held at UHS, Bagalkot from June 17- 19, 2014.
3. National conference on **Emerging Challenges and Opportunities in Biotic and Abiotic Stress Management** from December 13-14, 2014 held in Hyderabad.
4. The second International Conference on **Bio-resource and Stress Management** from January 7- 10, 2015 in Hyderabad.
5. National meet on **Distant Hybridization in Horticultural Crop Improvement** held at ICAR-IIHR, Bengaluru from January 22-23, 2015.
6. National conference on **Crop Physiology-Emerging Challenges and Opportunities for Sustainable Agriculture** held at S.V. Agricultural College, Tirupati on 3rd March, 2015.
7. National conference on **Reinvigorating Agricultural Innovations for farmer's Empowerment and Development** held at PJTSAU, Hyderabad from May 3- 4, 2015.

8. International conference on **Vertical Farming** held at Hotel Taj West end, Bengaluru from November 2-3, 2015.
9. National Conference on **Floriculture and Landscaping for Urban and Rural Prosperity** from February 28-29, 2016 at ICAR-IARI, New Delhi.
10. National conference on **Fruit Breeding in Tropics and Sub Tropics – An Indian Perspective** from April 27-29, 2016 at ICAR-IIHR, Bengaluru.