

Academic Profile of Jagadeesha Mulagund



Name : Jagadeesha Mulagund

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Field of specialization: **Fruit Science (Crop Improvement, Post-harvest Technology)**

Educational Qualifications	:	Degree	University/Institute	Marks obtained (%)
	:	B.Sc (Hort.)	University of Horticultural Sciences, Udyanagiri, Bagalkot, Karnataka - 587103	83.70
	:	M.Sc (Fruit Science.)	Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu- 641003	88.90
	:	Ph D (Fruit Science.)	ICAR- Indian Horticultural Research Institute, Bengaluru (part of PG outreach programme, IARI, New Delhi)	Pursuing (2015-2018)

Research Projects:	
M.Sc (2012- 2014)	Studies on Pre and Post-harvest Treatments to improve Yield, Quality and Post-harvest attributes of Banana cv. Nendran.
Ph D (2015 to till date)	Wide Hybridization and Colchi-ploidy Studies in Guava (<i>Psidium guajava</i> L.)

Achievements

- Awarded the **21st rank** in **ICAR's AIEEE-PG** (2012-13) conducted by Indian Council of Agricultural Research, Newdelhi-110012.
- Awarded **Senior Research Fellowship** through **AICE-PhD (2015-16)** conducted by Indian Agricultural Research Institute, New Delhi-110012.
- Qualified National Eligibility Test with 74% (**NET**) conducted by **ASRB** (ICAR) recognized by UGC/CSIR, New Delhi.

Research papers published in Journals (National and International)

1. **Jagadeesha Mulagund**, S. Kumar, K. Soorianathasundaram and Harikanth Porika, 2015. Influence of post-shooting sprays of Sulphate of Potash and certain growth regulators on bunch characters and fruit yield of banana cv. Nendran (French plantain *Musa* AAB). The Bioscan, 10(1): 153-159.
2. **Jagadeesha Mulagund**, S. Kumar, Deepika. C and Dinesh Nagar, 2015. Effect of post-shooting sprays of sulphate of potash and certain growth regulators on bunch characters and fruit yield of banana cv. Neypoovan (AB). African Journal of Agricultural Sciences, 6(1): 1340-1345.
3. **Jagadeesha Mulagund**, K. Soorianathasundaram, V. Hari Kumar and C. Deepika, 2015. Post Harvest Quality Enhancement of Plantain cv. Nendran by using different Growth Regulators and Chemicals. Plant Archives, 15(1): 75-80.
4. **Jagadeesha Mulagund**, P. Harikanth, Deepika. C and Dinesh Nagar, 2015. Influence of growth regulators combined with chemicals on fruit quality and post-harvest disease incidence of banana cv. Nendran (*Musa* AAB). Annals of Plant and Soil Research, 17(3): 340-344.
5. Kumar Hari, **Jagadeesha Mulagund**, Bhende, S and Ramanarayana, C.K. Applications of Brassinosteroids in Horticultural Crops. 2014. National seminar on recent trends in Plant growth regulators and nutrient management in horticultural crops. Adhiparashakthi agril. college: 123-126
6. Harikanth Porika, R M Vijayakumar, **M Jagadeesha**, C Deepika and Dinesh Nagar. 2015. Effect of Pruning Intensity on Quality of Red Globe Grapes for Summer Season Crop. Research Journal of Agricultural Sciences. 6(3): 659-661
7. Dinesh Nagar, N. Kumar, **Jagadeesha Mulagund**. 2015. Breeding Potential of few Cooking Banana Genotypes under Coimbatore conditions. Research Journal of Agricultural Sciences. 6(2): 552-556
8. Harikanth Porika, **M. Jagadeesha**, R.M. Vijayakumar, and C. Deepika. 2015 Effect of Pruning Intensity on Physiology and Quality of Summer Season cultivated Grape cv. Red Globe. Indian Journal of Ecology 42(2): 394-396

9. **Jagadeesha Mulagund**, P. Harikanth, K. Soorianathasundaram and R.M. Vijayakumar. Non-destructive Techniques for Quality Evaluation of Intact Fruits: a Review. *Plant and Soil Research*. 11(2): 141-145
10. Harikanth Porika, **M. Jagadeesha**, C. Deepika and Dinesh Nagar. 2015. Effect of Crop season and pruning intensity on fruiting behavior of grape cv. Red Globe. *Annals of Plant and Soil Research*. 17(3): 27-29
11. C. Deepika, P. Harikanth, **Jagadeesha Mulagund** and Dinesh Nagar. 2015. Influence of organic and inorganic growth stimulants on growth of TNAU papaya co-8 (*Carica papaya* L.). *Annals of Plant and Soil Research*. 17(3): 122-125
12. Harikanth Porika, **M. Jagadeesha**, Dinesh Nagar and C. Deepika. 2015. The effect of season and pruning intensity on nutrient status of leaf in grape vine cv. Red globe. *Plant and Soil Research*. 17(2): 30-32.

**Abstracts published and Participation in Conferences/Symposia/ Seminars/Workshops:
(all)**

1. **National Conference on Cocoa Development in India-Issues and Strategies** by TNAU, Coimbatore on 15-16, April, 2013.
2. **National Meet on High Density Planting and Canopy Management in Horticultural Crops**. TNAU, Coimbatore. 25th, March, 2013.
3. Poster presented and participated at **International seminar on Agricultural and Horticultural sciences conducted by OMICS international** held at Hyderabad on February 03-05, February, 2014.
4. National seminar on **Protected Cultivation of Horticultural Crops and Value Addition** organized by Sam Higginbottom Institute of Agriculture, Technology and sciences, Allahabad during 12-14 May. 2014
5. The first **National Student Conference on Food technology (SCOFTECH-2014)** by IICPT, Thanjavur-313005.
6. A National level symposium on **Sustainable Food Systems for Food Security and Nutrition** organized by TNAU, Food Processing Engineering, Coimbatore, 2014.
7. Participated in **National level symposium on Biotechnology (BIOCONCURENZA-13)** organized by CPMB, TNAU Coimbatore.

8. Participated and presented a poster in National level symposium on **Processing and value addition of Fruit crops** organized by IISR Kozhikode during 26, October, 2013.
9. Participated in National Seminar on Agricultural Graduate Students Conference organized by Tamil Nadu Agricultural University, Coimbatore during 25-26 May, 2014.
10. Youth in Agricultural: A catalyst for Sustainable Agriculture. Poster presented at 6th **Indian Youth Science Congress** organized by M.S. Swaminathan Research Foundation, Chennai, India during November 28-30, 2014.
11. National conference on **Emerging Challenges and Opportunities in Biotic and Abiotic Stress management** conducted by Society for Scientific Development in Agriculture & Technology, Meerut, UP, India, December 13–14, 2014.
12. National conference on **Global Research Initiatives for Sustainable Agriculture And Allied Sciences** from RVSKVV, Gwalior, India during December 12–13, 2015.
13. **National meet on distant hybridization in horticultural crop improvement** held at ICAR-IIHR Bengaluru, India, from 22-23 January 2015.
14. **International conference on Vertical farming** held at Hotel Taj West end, Bengaluru, India on 2-3 November 2015.
15. **National Conference on "Fruit Breeding in Tropics and Subtropics - An Indian Perspective"** on 27-29 April 2016 at IIHR- Bengaluru, India.