

SUJAYASREE.O.J

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Ph.D Scholar

Division of Postharvest Technology and Agriculture Engineering

ICAR-Indian Agriculture Research Institute, New Delhi

Outreach Campus: ICAR-IIHR, Bengaluru

Describe yourself: I am an ambitious, self-motivated and workaholic person who is always troubleshooting issues, and coming up with solutions in a timely manner. I'm an extremely organized and focused on producing results. While I am always realistic when setting goals, I consistently develop ways to efficiently achieve, and often exceed, those goals. My vision towards future is "Life is not about finding yourself, it is about creating yourself".

EDUCATION

M.Sc. (Horticulture) in Postharvest Technology (2014-2016) - 94.8%

University of Horticultural Sciences, Bagalkot, Karnataka

B.Sc. Horticulture (2010-2014)-90.90%

University of Agricultural and Horticultural Sciences, Shivamoga, Karnataka

Plus two: NSS, Kalpetta, Kerala Board Of Higher Secondary Education, 2007-09 (**86.30%**)

S.S.L.C: Crescent public H S, Panamaram, Kerala Board of Public Examination, 2007 (**95%**)

RESEARCH EXPERIENCE

ICAR-Indian Agriculture Research Institute Doctorial Research (Current)

Evaluation of various packaging environment on quality of dehydrated fruits (kokum impregnated aonla (*Phyllanthus emblica* G.) segments.

Advisor: Dr. R.B. Tiwari, Principal Scientist, IIHR Bangalore

ICAR-Indian Institute of Horticulture Research (M.Sc)

Development of protocol for spiced dehydrated aonla (*Phyllanthus emblica* G.) segments

Advisor: Dr. R.B. Tiwari, Principal Scientist, IIHR Bangalore

College of Horticulture, Mudigere, Karnataka (B.Sc)

Influence of foliar application of boron on growth and yield of radish"

PUBLICATIONS

- 1) **Sujayasree.O. J.** and Fasludeen. N. S,2017,Coconut products:Prospective venture to prosper, *Kerala Karshakan*,4(10):17-20.
- 2) Fasludeen.N.S and **Sujayasree.O.J**,2017, Food Engineering Startup in Solar Refrigeration, *International Journal of Research in Business Management*,5 (1): 55-60.
- 3) Fasludeen. N. S and **Sujayasree.O.J**, 2017, Senescence studies on Grains: A Review,*International Journal of Science, Environment and Technology*, 6(1): 738 – 744.
- 4) Fasludeen. N. S and **Sujayasree.O. J**, 2017,Food engineering: the future science, *Kerala Karshakan*, 4(9): 34-35.
- 5) Tarique Aslam, **O. J. Sujayasree**, S. P. Das and A. K. Panda, Allele mining: modern tools of biotechnology,2016, *Innovative Farming*, 1(3): 111-112,
- 6) H.K. Porika, **O.J. Sujayasree** and P. Namita,2015 Mango-a rich source of many utilizable components with delightful flavour and taste of the tropical world, *Progressive Research – An International Journal*,10(3): 1668-1674.
- 7) **Sujayasree.O.J**,Hemlatha and Tarique Aslam,Garlic:An indispensable component in human diet,2015,*Plant horti tech*,14(5),34-36.
- 8) Hemlatha,**Sujayasree.O.J**,Shivakumar.S.N,2015,Virgin coconut oil:worlds healthiest dietary oil,*Plant horti tech*,14(5),12-14.
- 9) Tarique Aslam, Shivakumar.S.N, **Sujayasree.O.J**,Rosemary:Culinary herb as an alternative cash crop for farmers,2015,*Plant horti tech*,15(1),36-38.

ABSTRACTS

1. **Sujayasree.O.J** and Fasludeen.N.S, Advances in smart packaging/ intelligent packaging technologies and their applications in processed foods.National conference on Intervention of Climatic Change in Sustainable Development of Agriculture, Food and Nutrition Security and its Amelioration,Swami vivekanand Subharti University, Meerut.March 24-25,2017.
2. Fasludeen N.S and **Sujayasree. O. J**,Effect of slicing methods on mushroom drying,National conference on Intervention of Climatic Change in Sustainable Development of Agriculture, Food and Nutrition Security and its Amelioration,Swami vivekanand Subharti University, Meerut.March 24-252017.
3. **Sujayasree.O.J** and Fasludeen.N.S, Green marketing- A mart of eco-friendly products and services, Agricultural Science congress,UAS,Banglore,21-24 Feb,2017.
4. Fasludeen N.S and **Sujayasree.O.J**, Solar refrigeration: A green technology for sustainable development, Agricultural Science Congress,UAS,Banglore,21-24 Feb,2017
5. Fasludeen N.S.,**Sujayasree.O.J.** and G.Sentil Kumaran,Packaging studies on sliced mushroom, 51st AnnualConvention of Indian Society of Agricultural Engineers (ISAE) & National Symposium on Agricultural Engineering for sustainable and climate smart agriculture,Feb 16-18,2017,CCS HAU,Hisar.
6. **Sujayasree, O.J.** and Tiwari.R.B "Standardisation of protocol for spiceddehydrated aonla segments using cabinet drier" India International Science Festival 2016 organised by DST and CSIR at National Physical Laboratory, New Delhi, December 2016.

7. H.K. Porika, **O.J. Sujayasree** and P. Namita,2015 Mango-a rich source of many utilizable components with delightful flavour and taste of the tropical world, National conference on global research initiatives for sustainable agriculture & allied sciences,Gwalior,December,2015.
8. Hari Kishore,H.K.Porika,P.Namitha and **O.J. Sujayasree**,Marker analysis-An innovative approach for crop Improvement, National conference on global research initiatives for sustainable agriculture & allied sciences,Gwalior,December,2015.
9. P.Namitha,**O.J.Sujayasree**,Hari Kishore and H.K.Porika,Mutation breeding :Anon-traditional method for crop improvement, National conference on global research initiatives for sustainable agriculture & allied sciences,Gwalior,December,2015.
10. P.Harikanth,Hari Kishore,P.Namitha and **O.J.Sujayasree**,Bael:The wonder tree of India, National conference on global research initiatives for sustainable agriculture & allied sciences,Gwalior,December,2015.
11. **O.J.Sujayasree**,Tarique Aslam,Hari Kishore,P.Namitha and H.K.Porika,Potentialities and prospectus of solar drying in value addition of fruits and vegetables, National conference on global research initiatives for sustainable agriculture & allied sciences,Gwalior,December,2015.

PROFESSIONAL AFFILIATION

1. **SWEFT(New Delhi)** :Society for World Environment, Food and Technology (SWEFT)
2. **AFST(I)**:Association of food scientists and technologists
3. **VIBHA**- Vijnana bharti (1410)
4. **AIASA**-All India Agriculture Students Association(AIASA/IARI/OL/LM 107/2017)
5. **SFHT(UK)**-The Society for Food Hygiene and Technology

HONOURS

1. **Young Scholar Award-2016** by Society for World Environment, Food and Technology (SWEFT) for relevant contribution in the field of Postharvest Technology
2. **Third prize** in National Essay Competition by National Academy of Agricultural Sciences, New Delhi ,June 2015
3. Award of **Gold medal**-for securing highest OGPA of 9.09 out of 10.00 in the B.Sc Horticulture degree,2013-14,UAHS,Shivamoga
4. Secured **AIR 2000** in ICAR-AIEEA 2010
5. Secured **AIR 32** in ICAR-JRF fellowship seat 2014 in Horticulture
6. Secured **AIR 4** in ICAR-SRF in 2016 in General Horticulture

TRAININGS / WORKSHOPS

1. One month Horticulture based Industrial training at Namdhari seeds in Crossing and Selfing techniques in cucurbits,Kadur,Chikmagalore,December ,2013
2. Training on Computer aided designs (CAD) for landscaping at ICAR IHR,Bengaluru,September,2016

CERTIFICATE COURSES

1. Micro biology and forensic sciences by *Jordan University of Sciences and Technology*

2. Food Nutrition and your health by Open to Study, *Australian Open University MOOC*.
3. Climate change by *Macquaire University, Sydney, Australia*.
4. Entrepreneurship and Family Business by *RMIT University, Australia*.
5. Postgraduate diploma in Nanobiotechnology by Life science foundation India, Karnataka. April, 2016 ()

SEMINARS/CONFERENCES ATTENDED

1. National conference on global research initiatives for sustainable agriculture and allied sciences, Astha foundation, Meerut, 12-13 December 2015
2. National conference on fruit breeding in tropics and subtropics-An Indian perspective, 27-29, April, ICAR-IIHR, Hessargatta, 2016
3. National seminar on blue growth, 26th swadeshi science congress, 7- 9 November, Kochi, 2016
4. International conference on global perspectives in virus diseases management, 8-10, December, ICAR-IIHR, 2016
5. India International Science Festival, 2016, CSIR-NPL, Delhi, December, 2016
6. National seminar on enhancing productivity of fruit crops-Mitigating major challenges, ICAR-IIHR, January 2017.
7. Agricultural Science Congress 2017, UAS, Bangalore, NAAS, New Delhi.
8. 51st Annual Convention of Indian Society of Agricultural Engineers (ISAE) & National Symposium on Agricultural Engineering for sustainable and climate smart agriculture, Feb 16-18, 2017, CCS HAU, Hisar.
9. Agrotechnology and profitable marketing of tropical medicinal and aromatic plants, TNAU, Coimbatore, Society for conservation and resource development of medicinal plants, Feb 16-17, 2017.
10. National conference "Intervention of Climatic Change in Sustainable Development of Agriculture, Food and Nutrition Security and its Amelioration, Swami vivekanand Subharti University, Meerut. March 24-25, 2017