



A Horticulture e-Newsletter

Department of Horticulture and Floriculture

Faculty



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Editor's: Dr. K. Rama Krishna & Dr. S. Srivignesh


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Faculty Publications and Talks


Name of the Faculty	: Prof. S. Manivannan		
Designation	: Professor & Head		
Book chapters published			
S.no	Title and publication details	IF/publisher	/indexed
1.	Senthilkumar, S., S. Srivignesh, A. Ramesh Kumar and S. Manivannan (2021). Sapota (Manilkara achras (Mill.) Fosberg) in: Tropical fruit crops- Theory and practical. Jaya publishing house, New Delhi.	Jaya publishing house,	New Delhi.
2.	Rhizosphere microbiome: the next generation crop improvement strategy, In: Environmental and Agricultural Microbiology (Eds. Mishra, B.B. et al). Scrivener Publishers (Wiley), USA https://onlinelibrary.wiley.com/doi/abs/10.1002/9781119525899.ch11	Scrivener Publishers (Wiley),	USA
3.	Krishna K.R., Smruthi J., Manivannan S. (2021) Packaging and Storage of Stone Fruits. In: Mir M.M., Iqbal U., Mir S.A. (eds) Production Technology of Stone Fruits. Springer, Singapore. https://doi.org/10.1007/978-981-15-8920-1_11	Springer's (International)	

Name of the Faculty	: Dr. A. Ramesh Kumar		
Designation	: Associate Professor		
Book Chapters published			
S.no	Title and publication details	IF/publisher	/indexed
1.	Senthilkumar, S., S. Srivignesh, A. Ramesh Kumar and S. Manivannan(2021). Sapota (Manilkara achras (Mill.) Fosberg) in: Tropical fruit crops- Theory and practical. Jaya publishing house, New Delhi.	Jaya publishing house,	New Delhi.
Invited talks/lectures			
1.	National Level Webinar on Recent Advances in Mango Production. Topic: Canopy Management of Mango, at College of Horticulture, Bidhar, UHS, Bagalkot (Online mode), date: 15-01-2021.		

Name of the Faculty	:	Dr. K. Rama Krishna	
Designation	:	Assistant Professor	
Book chapters published			
S.no	Title and publication details		IF/publisher /indexed
1.	K. Rama Krishna, J. Smruthi, S. Manivannan (2021), Packaging and Storage of Stone Fruits. In: Mir M.M., Iqbal U., Mir S.A. (eds) Production Technology of Stone Fruits. Springer, Singapore. https://doi.org/10.1007/978-981-15-8920-1_11		Springer's (International)
2.	Waste utilization and disposal. In: Surijit Mithra (eds) postharvest technology of horticultural crops(2021) https://doi.org/10.1007/978-981-15-8920-1_11		Jaya publishing house, New Delhi.

Name of the Faculty	:	Dr. S. Senthilkumar		
Designation	:	Assistant Professor		
Book chapters Published:				
S.no	Title of the Book Chapters Published		IF/publisher /indexed	National/ International
1.	Senthilkumar, S., S. Srivignesh, A. Ramesh Kumar and S. Manivannan, 2021.Sapota (Manilkara achras (Mill.) Fosberg) in: Tropical fruit crops- Theory and practical, Jaya Publishing House, New Delhi. https://www.researchgate.net/publication/351627443_Sapota_Chapter		Jaya Publishing House.	National
Faculty development programme:				
S.no	Details of program		Sponsored/Organised by	
1.	UGC - Sponsored Online Faculty Induction Programme,30 days & 19.02.2021 to 20.03.2021		UGC - HRDC, Madurai Kamaraj University	

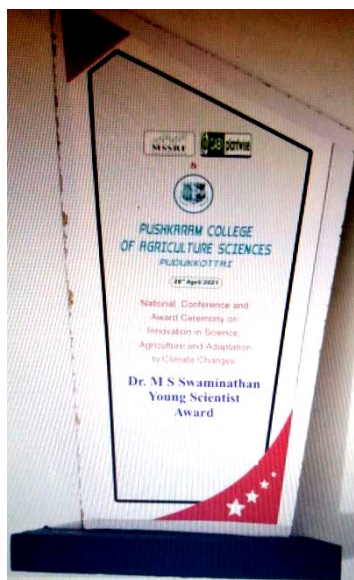
Name of the Faculty	:	Dr. S. Srivignesh	
Designation	:	Assistant Professor	
Faculty development programme			
1.	Orientation/Induction Programme(Online) during 6 th - 26 th July, 2021.		UGC Human Resource Development Centre, Mizoram University.
Invited talks/lectures			
S.No	Details of the talk		
1.	Protected Cultivation of Horticulture Crops at ICAR-KVK, TNAU, Needamangalam, Tamil Nadu on 25.06.2021.		

Name of the Faculty	:	Dr. Moumita Malakar	
Designation	:	Assistant Professor	
Book Chapters Published:			
S.no	Details of the Book	IF/publisher/indexed	National/International
1.	T.K.Chowdhuri,S.Das,P.K.Das &M.Malakar,2021.Textbook on Floriculture. In: Co-author, Gladiolus,Jaya publishing house,New Delhi.	Jaya Publishing House	National
Invited talks/lectures			
S.No	Details of the talk		
1.	Comparative Study of Intact and Husked Seeds of Sunflower (Helianthus annus L.) Summoned from India and Bulgaria for the estimation of Qualitative Factor using Near - Infrared Reflectance Spectroscopy at Department of Agriculture, Trakia University-Stara Zagora, Bulgaria on 11 th March 2021.		
2.	The Role of Green Chemistry in Controlling Environmental Pollution at Central University of Tamil Nadu on 30.04.2021.		
3.	Post-Harvest Handling of Major Cut and Loose Flowers at Central University of Tamil Nadu on 22.05.2021.		

Student's Achievements

Student's Achievements:

Name of the Students	Organizer	Category	Date	Achievements
M.Paruthi Ellampirai	M.S.Swaminathan Research Foundation	Poster Presentaion	28.04.21	Best Poster Presenter & Dr.M.S.Swaminathan Young Scientist Award.
K.Jayasavitha	M.S.Swaminathan Research Foundation	Poster Presentaion	28.04.21	Dr.M.S.Swaminathan Young Scientist Award



M.Sc students Research work completed

S.No	Students	Research Guide	Title Of the Research	Year
1	Akshaya Abirami M	Dr. K. Rama Krishna	Combination effects of GRAS compounds as edible coating on bell pepper	2019-21
2	Alakendu P R	Dr .S. Senthilkumar	Influence of canopy directions on performance of Water Apple (Syzigium aqueum L.) in Cauvery delta	2019-21
3	Allwin V	Dr. K. Rama Krishna	Endogeneous plant metabolites influence on shelf life extension of Tuberose loose flowers	2019-21
4	Bawya D	Dr. A. Ramesh Kumar	Effect of seaweed extract and humic acid on growth and yield of Cluster Beans (Cyamopsis tetragonoloba (L.) Taub.) var.Pusa Navbhar	2019-21
5	Divya Gana R	Dr. Moumita Malakar	Consequences of Tinting on Post-Harvest Attributes of Tuberose (Polyanthes tuberosa L.) cv. 'Prajwal'	2019-21
6	Divyabharathi G	Dr. K. Rama Krishna	Effects of polyamines on shelf life and quality of Banana cv. Karpooravalli	2019-21
7	Jinto James J	Prof.S.Manivannan	Discerning of Antimicrobial Peptides from Whole Genome Sequenced Temperate Fruit Crops	2019-21
8	Lavanya S	Dr.S.Srivignesh	Hexanal Vapour Technique to Enhance the Post-Harvest Shelf Life and to Reduce the Post-Harvest Diseases in Chilli	2019-21
9	Manonmani S	Dr.S.Senthilkumar	Effect of pre-harvest sprays with plant bio-regulator on bunch character, yield and economics of Banana cvs. Poovan and Monthan	2019-21
10	Nivethakumar S	Prof.S.Manivannan	Discerning of Antimicrobial Peptides from Whole Genome Sequenced Tropical and subtropical fruit crops	2019-21
11	Priyadharshini A	Dr.S.Srivignesh	Hexanal Vapour Technique to Enhance the Post-Harvest Shelf Life Extension of Green leafy vegetables	2019-21
12	Ragulraj H	Dr.A.Ramesh Kumar	Influence of Bio stimulants on growth, yield and post-harvest life of Aggregatum onion var.CO4	2019-21
13	Ranjith R K	Dr.S.Senthilkumar	Studies on yield and quality of Pomegranate var. Bhagwa as affected by plant bio-regulators	2019-21
14	Sankavi S	Dr.Moumita Malakar	The effect of different drying methods on the quality and colour of dehydrated Bunny rose	2019-21
15	Sivabalan S	Dr.Moumita Malakar	Evaluation of bleaching materials for separation of leaf veins skeletons of Polyalthia longifolia var.pendula	2019-21
16	Venkatesh S	Dr.S.Srivignesh	Induction of rooting of Chekkurmanis (Sauropus androgynus) using PGRs	2019-21
17	Vijayalakshmi K	Dr.S.Senthilkumar	Discerning of Antimicrobial Peptides (AMPs) from Whole Genome Sequenced nut crops	2019-21

1st out going M.Sc students batch (2019-21)



Department of Horticulture and Floriculture, School of Life Sciences, CUTN, Thiruvavur