



Bharath Institute of Higher Education and Research

Faculty Profile

Personal Details	
Name	: Dr. M. Dhivya
Designation	: Associate Professor
Department	: Faculty of Agricultural sciences
Name of Institution:	Bharath Institute of Higher Education and Research
Mobile	
E-mail	: drdhivya26@gmail.com



Area of Interest	Mutation Breeding, Landscaping, Climate change, Social and Urban forestry
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Subjects Taught	
UG	PG
1. Fundamentals of Horticulture (1+1)	
2. Introduction to Forestry (1+1)	
3. Introduction to Agricultural Botany (1+1)	
4. Production Technology for Vegetables and Spices (1+1)	
5. Production Technology for Fruit and Plantation Crops (1+1)	
6. Production Technology of Ornamental Crops, MAP and Landscaping (1+1)	
7. Principles of Food Science and Nutrition (1+1)	
8. Post Harvest Management And Value Addition of Fruits and Vegetable Crops (1+1)	
9. Production of Horticultural Crops (4+0)	
10. Crop Production II – Horticultural crops (0+1)	

Academic Background				
Degree	Specialization	University	Class	Month & Year of Passing
B.Sc. Agriculture	Agriculture	Tamil Nadu Agricultural University	I	May, 2009
M.Sc. Horticulture	Horticulture	Tamil Nadu Agricultural University	I	May, 2011
Ph.D. Horticulture	Floriculture and Landscape gardening	Tamil Nadu Agricultural University	I	April, 2016
National Eligibility Test	Floriculture and Landscape gardening	UGC, ICAR -ASRB	I	PASS

Work Experience as on Oct-2020							
Name of the Institution/Company		Position		From		To	
Tamil Nadu Agricultural University		Junior Research Fellow		24.08.2011		30.11.2011	
Tamil Nadu Agricultural University		Senior Research Fellow		01.12.2011		10.08.2012	
Bharath Institute of Higher Education and Research		Associate Professor		06.09.2019		Till date	
Total experience	<Years>	Teaching	<years>	Research	<years>	Administration	<years>
2 Years 3 Months		1 Year 3 months		1 year		-	

Research Publications				
International Journal	National Journal	International Conference	National Conference	Total Number of Publications
4	3	4	4	14

Recent Publications(Journals)- Chronological order	
Sl.No	Details
1	Dhivya, M. and R. Sankaranarayanan. 2015. Effect of different growing environments on the growth of selected cacti under tropical condition. Annals of Plant and Soil Research, 17 (6): 283-285.
2	Dhivya, M., S. Balakrishnan and S. Juliet Hepzibah. 2015. Radiation induced variability in <i>Crossandra (Crossandra infundibuliformis (L.) Nees)</i> . International Journal of Agricultural Science and Research, 5(3): 267-272.
3	Dhivya, M., S. Balakrishnan and T. Thangaselvabai. 2015. Sensitivity and mutagenic effects of ethyl methane sulphonate on the growth of <i>Crossandra infundibuliformis L. Nees</i> . International Journal of Agricultural Science and Research, 5(3):199-204.
4	Dileep Kumar, G., N. Natarajan and M. Dhivya. 2016. "Green synthesis and characterization of silver (Ag) nanoparticles using neem leaf extract and its antifungal activity against seed borne pathogens in chilli. Asian Journal of Horticulture, Vol.11 (1) :109-113.
5	Dhivya, M., R. Sankaranarayanan and G. Dileep Kumar. 2016. "Physiological efficiency of succulents under different growing environments in tropical condition". Asian Journal of Horticulture, Vo1. 11 (1): 176-179.
6	Dhivya, M. and S. Balakrishnan.2020. Genetic variability and heritability studies in <i>Crossandra infundibuliformis(L.) Nees</i> . Plant cell biotechnology and Molecular Biology, Vol.20(23-24):1434-1438.
	Dhivya, M. and S. Balakrishnan. 2020. Investigation on gamma ray induced mutations in mungbean (<i>Vigna radiata</i>). Plant cell biotechnology and Molecular Biology, Vol.20(23-24):1359-1362.

Recent Publications(Conferences) -Chronological order	
Sl.No	Details
1	Davamani, V., M. Dhivya, E. Parameswari and R. Sankaranarayanan and V. Ponnuswami. 2012. Isolation and characterization of Methanotrophs from flooded paddy soils for methane oxidation. In: Proc. of International Symposium on “100 years of Rice Science and Looking Beyond”, Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu, January 9-12. pp. 392 – 393.
2	Davamani, V., E. Parameswari, M.Dhivya, R. Sankaranarayanan and V. Ponnuswami. 2012. Quantification of methane emission from various paddy cultivation systems under Cauvery delta zone and vaigai basin of Tamil Nadu. In : Proc. of International Workshop on Climate change in agriculture : adaptation and mitigation strategies, Gandhigram Rural Institute, Gandhigram, Tamil Nadu, held on March 21 -23. p.34.
3	Davamani, V., M. Dhivya, R. Sankaranarayanan and V. Ponnuswami. 2012. Recycling of agricultural wastes into valuable organic manure using microbial inoculum. In : Proc. of National Seminar on recycling of solid wastes through composting, Agricultural College and Research Institute, Madurai, Tamil Nadu, held on March 8 & 9. pp. 72-73.
4	Dhivya, M. and R. Sanakaranarayanan. 2014. Assessment of Selected Cacti in diverse growing environment. In: 2nd Agricultural Graduate Student Conference, Tamil Nadu Agricultural University, Coimbatore, held on May 6-7.
5	Dhivya, M., S. Balakrishnan, R. Sankaranarayanan and M. Jawaharlal. 2014. Mitigation of Indoor pollution through ornamental plants: A novel approach”. 6th Indian Horticulture Congress, Horticultural Society of India held at Coimbatore on Nov 6-7.
6	Dhivya, M. and S. Balakrishnan. 2016. Induction of Mutation in <i>Crossandra infundibuliformis</i> (L.) Nees using gamma rays. In: National Conference on Agricultural and Rural Innovations for Sustainable Empowerment, Science and Technology Society for Integrated Rural Empowerment, Warangal, Telangana, held on May 21-22.

Books Published			
Title	Authors	ISBN No.	Publishers
Climate Change and Agriculture	V.Davamani, E. Parameswari M. Dhivya A. Rathinasamy	978-81-934673-0-5	AGROBIOS (INDIA) Publishers
Technologies for Sustainable Green Environment	V.Davamani, M. Dhivya, V. Ponnuswami, E. Parameswari R.Sankaranarayanan	978-93-81450-42-0	New India Publication Agency, New Delhi

Memberships in Professional Bodies	
Sl.No	Name of the Professional Body
1	Society of Biotechnology
2	Madras Agricultural Journal
3	Valrum Velanmai
4	South Indian Horticulture
5	International Journal of Agricultural Science and Research

Training Programmes Attended	
Sl.No	Details in Chronological order
1	Protection of Plant Varieties and Farmers Rights Authority, organized by TNAU,

	Horticultural College and Research Institute, Periyakulam, India
2	Workshop on Green roofs and Green walls organized by Indian Green Infrastructure Network, Bangalore, India
3	Training on "Natural food colourant - <i>Bixa orellana</i> " organized by TNAU, Horticultural College and Research Institute, Periyakulam, India
4	Brain storming session on "Pre and Post Harvest Management and Processing of Fruits and Vegetables for Food and Nutritional Security organized by TNAU, Agricultural College and Research Institute, Madurai, India
5	Training on "Mushroom Cultivation and its Value Addition" organized by TNAU, Horticultural College and Research Institute, Periyakulam, India

Roles and Responsibilities	
Sl.No	Details
1	Staff Advisor
2	Ward Counsellor
3	Physical Education Coordinator (2019-2020)

Awards Received	
Sl.No	Details
1	Best Doctoral Dissertation Award – entitled "Studies on induced mutagenesis in <i>Crossandra (Crossandra infundibuliformis (L.) Nees)</i> "
2	Best Oral Presentation Award - entitled "Physiological efficiency of succulents under different growing environments in tropical condition"
3	Best Poster Presentation Award - entitled "Mitigation of Indoor pollution through ornamental plants : A novel approach"