

VALUE ADDED COURSE

Programme Title : Value added course			
Course code:23PBYVAC		Title : Nursery and Horticultural Techniques	Credits 2
Hrs/Week:	2		

Course Objective

To equip the students with good farmers

Course Outcomes (CO)

CO1	To remember and get aware on home gardening and its importance	K1
CO2	To understand the technique used in home gardening	K2
CO3	Apply and analyze knowledge on crop establishment activities	K3
CO4	Apply the horticulture propagation techniques to nursery development	K4
CO5	Understand about the importance of manuring and pest management	K2,K4

Unit	Content	Hrs
Unit I	Nursery: Definition, objectives and scope and building up of infrastructure for nursery, planning and seasonal activities - Planting - direct seeding and transplants	8
Unit II	Vegetative propagation of Horticulture plants: Introduction, Types and Methods of Vegetative propagation: (a) Cuttings (b) Layering (c) Grafting (d) Budding.	8
Unit III	Gardening: Definition, objectives and scope - different types of gardening - landscape and home gardening - Gardening operations: soil laying, manuring, watering, management of pests and diseases and harvesting.	8
Unit IV	Demo Practical's Horticultural techniques - Air layering - Grafting	6

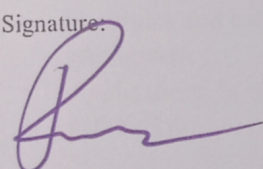
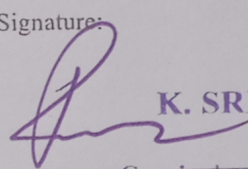
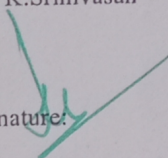
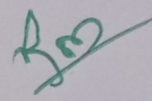
Power point Presentations, Group discussions, Seminar, Quiz, Assignment and Field visit

Text Books:

1. Bose T.K. & Mukherjee, D., 1972, Gardening in India, Oxford & IBH Publishing Co., New Delhi.
2. Sandhu, M.K., 1989, Plant Propagation, Wile Eastern Ltd., Bangalore, Karnataka.
3. Kumar, N., 1997, Introduction to Horticulture, Rajalakshmi Publications, Nagercoil.

PO/PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2
CO												
CO1	H	M	M	M	H	H	H	M	M	H	M	H
CO2	H	M	H	M	H	H	H	M	H	H	M	H
CO3	H	M	H	M	M	H	M	M	H	H	M	H
CO4	H	M	H	M	H	H	H	M	H	H	M	H
CO5	H	H	H	M	H	M	M	M	M	H	M	H

H-High M- Medium L-Low

Course Designed by	Verified by HOD	Checked by	Approved by
Name and Signature	Name and Signature	CDC	COE
Name: Dr. R. Rakkimuthu Signature: 	Name: Dr. R. Rakkimuthu Signature: 	Name: Mr. K. Srinivasan Signature: 	Name: Dr. R. Manicka Chezian Signature: 

K. SRINIVASAN, M.C.A.,
Co-ordinator

Dr. R. MANICKA CHEZIAN, M.Sc., M.S., Ph.D.,
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