

Mandatory Non-CGPA Generic Elective Course

| Sr. No. | Generic Elective Title of the paper | Credits assigned to the paper | Semester for which course is offered | Eligibility |
|---------|---|-------------------------------|--------------------------------------|-----------------------|
| 1. | 'Gardening and Nursery management techniques' | 2 | IV | Masters in any stream |

Syllabus

| Unit No. | Topics | No. of Lectures/Hours |
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| I | <p>Introduction to nursery management and gardening</p> <p>Nursery Management</p> <p>Site election (Ideal site, Fence, Roads and paths), Bed preparation, Mother plant block, Irrigation system, Potting mixture, Structures for raising nursery, Container Selection, Watering the pots, Weed mats, mulching, Weed Control, Fertilization, Integrated Pest and Disease management (IPDM), Modernization and Automation, Propagation techniques (seeds, vegetative propagation-Cuttings, Layering, Budding, Grafting, Propagation through specialized organs, Micro propagation, Plant Growth regulators in propagation</p> | 15 L |
| II | <p>Gardening</p> <p>Introduction, Types of Garden, Garden features, Garden Structures, Water Garden, Rock Garden, Vertical Garden, Terrarium, Hanging Baskets, Window Boxes, Miniature Gardens, Lawn Making, Bonsai, Interior scaping, Garden Styles (Formal and informal gardens), Home garden, kitchen garden, Integrated Pest Management (IPM), Integrated Disease management (IDM),</p> | 15 L |