



K.L.E. SOCIETY'S. NIJALINGAPPA COLLEGE
RAJAJINAGAR, Bengaluru-560 010.
(Re-Accredited with A⁺ Grade by NAAC)



SYLLABUS FOR CERTIFICATE COURSE 2022-23
ON
LANDSCAPING, GARDENING AND BONSAI TECHNIQUE

MODUL- I: INTRODUCTION AND TECHNICAL KNOWLEDG 05 credits

1. Introduction of Gardening.
2. Home garden and its importance, garden adornments.
3. Vegetable gardening: - roof, terrace, vertical gardening
4. Shade loving plants for home gardening: Suitable annuals, perennials and flowering plants
5. Brief introduction to Floriculture and Community composting

MODUL- II: GARDENING ARCHETECHURE 05 credits

6. Rain water harvesting.
7. Establish and maintenance of lawn grass suitable for lawn.

MODUL- III: GARDEN MAINTENANCE OF HERBS AND SHRUBS 05 credits

8. Training and Pruning techniques in Garden plants
9. Usage and maintenance of equipment for gardening
10. Maintenance of commercial garden,
11. Maintenance of herbs and shrubs suitable for garden
12. Repotting methods and maintenance of orchids and cactus
13. Micro-greens.

BONSAI TECHNIQUE

MODUL- IV: BONSAI CULTURE AND TECHNIQUE 05 credits

14. Physiology behind Bonsai technique.
15. Soil media preparation for Bonsai technique.
16. Bonsai technique- Types

Practical

Total practical=20 Credits

Practical=15Credits and Field visits = 05Credits

1. Introduction to the garden and equipments which are used for gardening
2. Different types of soil preparation and potting and repotting.

3. Plant propagation Method

Culture of micro-greens

Organic Pest management and garden adornment (Biopesticides)

Field Visit - Bonsai techniques

4.

5.

6.