

## 2.14 31614 PROTECTED CULTIVATION

### UNIT-1 PRACTICAL

- 1.1 Scope and importance of protected cultivation- growing structures
- 1.2 Study of protected structures- designs and components, orientation and construction of protected structures
- 1.3 Covering and roofing materials and ventilation systems
- 1.4 Different media- pro tray nursery raising
- 1.5 Sowing - raised bed preparation inside the protected structures/planting
- 1.6 Training, staking and pruning techniques- fertigation and nutrient management- application of growth regulators
- 1.7 Pest and disease management
- 1.8 Protected cultivation techniques for tomato, cucumber and capsicum
- 1.9 Protected cultivation techniques for rose, gerbera, dendrobium orchids and anthurium
- 1.10 Economics of protected cultivation- Visit to protected cultivation units.
- 1.11 Crops: Vegetables – Tomato /Cucumber/ Capsicum Flowers
- 1.12 Rose / Gerbera / Dendrobium Orchid/Anthuriums.

### References Books:

1. Floriculture. Indian Society of Ornamental Horticulture, New Delhi

