

**A.S.D GOVT. DEGREE COLLEGE FOR WOMEN (A)**

(Re-Accredited by NAAC with 'B')

KAKINADA 533002 EASTGODAVARI, ANDHRA PRADESH

**B.Sc HORTICULTURE** for the Academic Year 2023-2024

**Course Outcomes:**

**.SEMESTER - III, Paper – 3 :Basics of Vegetable Science**

- 1 Distinguish the growing of vegetables according to season and climate
- 2 Get detailed knowledge on cultivation aspects of different vegetables
- 3 Understand and explain the special intercultural operations done in vegetable crops
- 4 Study of morphology and taxonomy of different vegetable crops
- 5 Study of different varieties of vegetable crops
- 6 Identify pest and diseases of various fruit crops and suggest control measures.

**SEMESTER - IV, Paper – 4- Basics of Fruit Science**

1. Realize the value of fruits in terms of human nutrition and economy of nation.
2. Explain the potential fruit zones in various states of our country.
3. Classify the fruiting plants based on temperature requirements.
4. Acquire knowledge related to various cultivation practices for different fruit crops
5. Demonstrate the special intercultural operations done in fruit crops
6. Comprehend the knowledge on varieties of different fruit crops.
7. Examine the pests and diseases of fruit crops and develop skills to manage the same,
8. Explain about Integrated Orchard Management
9. Develop knowledge on various entrepreneurial skills related to fruit science

**SEMESTER - IV, Paper – V - Pests and diseases of horticulture plants and their management**

1. Develop a critical understanding of insect pests and plant disease symptoms.
2. Examine and identify the pests and diseases of vegetable crops and their management


3. Examine and identify the pests and diseases of ornamental crops and their management
4. Examine and identify the pests and diseases of fruit crops and their management
5. Identify and classify various insect pests on horticulture plants.
6. Justify the significance of Integrated Plant Disease Management for horticultural crops.
7. Classify the pesticides based on use, chemical nature, formulation, toxicity and action.

### **SEMESTER - V, Paper – 6A : Ornamental Horticulture**

1. Acquire a critical knowledge of ornamental gardening and its significance.
2. Identify and explain living and non-living components in an ornamental garden.
3. Acquire skills on propagation and planting of various ornamental plants.
4. Perform managerial skills related to ornamental gardening.
5. Demonstrate skills of designing and developing ornamental gardens in public places.

### **SEMESTER - V, Paper – 7A: Commercial Floriculture**

1. Understand the significance of flowers in human life.
2. Acquire skills related to production techniques in floriculture.
3. Explain the breeding techniques of some flowering plants.
4. Demonstrate skills of protected cultivation in floriculture.
5. Perform skills in relation to post-harvest operations in floriculture.

  
PRINCIPAL  
A.S.D. GOVT. DEGREE COLLEGE (W)  
AUTONOMOUS  
KAKINADA