

## 2.11 31611 FRUIT CROPS PRODUCTION TECHNOLOGY

### UNIT-1 THEORY

- 1.1 Definition- area and production of fruit crops in Tamil Nadu
- 1.2 Orchard management- Definition- Selection and layout of orchard
- 1.3 Physical features in orchard.
- 1.4 Study of cultural practices of the following fruit crops, with reference to soil, climate, varieties, methods of propagation, nutrient, irrigation and weed management practices
- 1.5 Training and pruning- role of growth regulators- maturity standards for harvesting- post harvest technology of fruit crops- yield- grading- packing- storage and value added products.
- 1.6 Tropical fruits- Mango, Banana, Grapes, Papaya, Sapota, Guava, Jack.
- 1.7 Sub-tropical and temperate fruits- Pineapple, Avocado, Apple, Pear- Organic fruit production and Good Agricultural Practices.

### UNIT-2 PRACTICAL

- 2.1 Layout of orchards- methods of planting- manuring and irrigation methods- training and pruning of different fruit crops- judging maturity standards of major fruit crops- pest and disease management in fruit crops.
- 2.2 Visit to commercial orchards- fruit processing unit.
- 2.3 Orchard planning and budgeting- Calendar of operation for important fruit crops.
- 2.4 Working out cost of cultivation for important fruit crops- Maintenance of orchard accounts and records.
- 2.5 Crops: Tropical fruits- Mango, Banana, Grapes, Papaya, Sapota, Guava, Acid Lime, apple, Avocado, Apple and Pear.

### References Books:

1. Veeraraghavathatham, D., M. Jawaharlal, S. Jeeva and S. Rabindran 2004. Scientific Fruit culture, Suri Associates, Coimbatore.