

### **Plant Breeding - Practicals**

1. Plant breeding – Methods of Plant Breeding in Self pollinated crops and Cross pollinated crops
2. An account of Clonal crops
3. Some examples of genetically modified plant crop species ( locally available crops).

### **Horticulture - Practicals**

1. To detect the Seed viability.
2. Plant Propagation by seeds and vegetative structures (tuber, rhizome, bulb, corm)
3. To study the Seed Germination in some selected plant species (Dicot & Monocot).
4. Perform the Horticultural techniques: Stem cutting, Grafting, Budding, Layering, Potting & Repotting.
5. Landscaping - principles, types and planning.
6. Greenhouse - construction and maintenance techniques.
7. To prepare - Organic farming, mulching and composting.
8. Indoor gardening - techniques and practices.