

Nursery





Nursery practices play a crucial role in the successful cultivation of tropical fruit species. The College of Horticulture, Hiriya in Chitradurga, Karnataka, is dedicated to imparting knowledge and expertise in the field of horticulture, including the propagation and cultivation of various tropical fruit species. Chitradurga's climatic conditions, characterized by its tropical climate, make it an ideal location for the cultivation of a diverse range of tropical fruits and plantations. This institution is committed to educating horticulture enthusiasts, students, and farmers about the best practices involved in establishing and managing nurseries for tropical fruit species.

Tropical fruits namely Mango, Guava, Pomegranate, Citrus, Jack, Jamun, Tamarind, Wood Apple, Custard apple, Cashew, and other minor fruits, due to their wide range of nutritional content, and economic value, have gained significant importance in the agricultural and horticultural sectors. To ensure a consistent supply of healthy planting material, the College of Horticulture, in Hiriya focuses on imparting knowledge about effective nursery practices for tropical fruit species. These practices involve the propagation of plants through various methods, including seeds, cuttings, grafting, and budding.

An experiential learning approach that engages students in hands-on activities, allowing them to actively explore and apply theoretical knowledge in real-world contexts. Students actively participate in various propagation methods, such as seed sowing, grafting, budding, and vegetative cuttings. They learn the intricacies of each method, including proper timing, technique, and conditions required for successful propagation.

The primary objectives of nursery practices for tropical fruit species in Chitradurga include:

1. **Quality production of the plants:** The college emphasizes the production of high-quality planting material that is disease-free, genetically true-to-type, and adapted to local agro-climatic conditions.
2. **Skill Development:** The institution aims to educate students, farmers, and horticulture enthusiasts about the latest techniques in tropical fruit nursery management. This includes hands-on training in various propagation methods and cultivation practices.
3. **Diversity species:** Chitradurga's tropical climate allows for the cultivation of a wide range of tropical fruit species. The college focuses on introducing and promoting a variety of tropical fruit crops to ensure diversity in horticultural practices.