



Janata Shikshan Sanstha's  
**Kisan Veer Mahavidyalya, Wai**

Tal- Wai, Dist-Satara, Maharashtra(India)-412803

NAAC Reaccredited: B+ CGPA(2.66)



## **Institutional Distinctiveness**

### **I. Plantation and Conservation of Plants and Trees**

The Mango Orchard, cultivated and maintained in front of “Jai Kisan Boys Hostel”, is one of the best practices of our college. Located next to the college playground, this orchard has full-grown mango trees as well as the mango saplings recently planted systematically. The Mango Orchard is a high density plantation, having over 200 mango trees spread over 66,378 square feet. These lush green mango trees not only add to the beauty of our campus but also supply plentiful mangoes every summer. The Orchard is one of the favorite destinations of the college staff and students.

### **II. Mango Orchard: A traditional recourse for families:**

There are in all 210 mango trees in our Mango Orchard. Out of these, 69 have grown fully. The remaining 141 have been planted recently. These saplings have been purchased from the Nursery of Kisan Veer Satara Cooperative Sugar Factory, Ltd. Bhujinj, famous for a variety of trees scientifically cultivated and raised. The Mango Orchard also contains 58 trees other than mango trees. These are Banyan trees (3), Tamarind trees (3), Saraca indica (2), Putrajiva roxburghii (2), Syzygium cummini (18), Butea monosperma (1), Bauhinia Species (2), Helecteris isora (1), Calystemon Species (1), Semicarpus anacardium (3), Terminalia belerica (1), Azadirachta indica (2), Nyctanthus arbortristis (4), Michelia champaka (3), Nerium indicum (1), Emblica officinalis (3), Terminalia tomentosa (2), Terminalia arjuna (1) and Mimosops elignis (2). The plot that contains altogether 268 trees has been maintained with well irrigation equipments. As far as irrigation system is concerned, there is a bore well as water source and the orchard is watered by the drip irrigation system. Particular attention is paid to grass slashing, spot weeding and uprooting of competing shrubs where grafted mango has been planted. Pruning of unwanted branches are done carefully to leave smooth scars to minimize infection. This activity allows better penetration of photosynthetic active radiation, vital for fruit set. The orchard is also protected from livestock browsing and bush fires. Recommended procedure that is made by the Head and faculties, Department of Botany of our college is followed to maintain the orchard. Some of the common pest and disease problems in mango trees and fruits found out. Their management practices are undertaken time to time. The Botany Department as a grower remains engaged throughout the year in the farm operations and to utilize fully the resources & assets like machinery, labour, and water for conservation of environment. In addition to the Mango Orchard, a number of trees have been planted and maintained across the entire campus of our college.