



VIT<sup>®</sup>

Vellore Institute of Technology  
(Deemed to be University under section 3 of UGC Act, 1956)

Towards Sustainability...

## THE - Impact Rankings 2024

6 CLEAN WATER  
AND SANITATION



Ensure availability and sustainable management of water and sanitation for all

### 6.3.5. Water-conscious planting

Plant landscapes to minimise water usage. (e.g. use drought-tolerant plants)

VAIAL has adopted planting of drought tolerant varieties in the fruit orchard in Brammapuram field (10 acres), Vellore, India.

Table 1. List of Drought Tolerant Crops and Varieties

S.No.	Crop	Variety
1.	Sapota	Kalipatti and Cricket ball
2.	Star Gooseberry	Local type
3.	Bael	Local type
4.	Ber	Seb and Thailand Ber
5.	Guava	Thailand Pink, Thailand White and Allahabad White
6.	Fig	Turkey Brown and Australian Fig
7.	Manila Tamarind	Local type
8.	Jamun	Bardoli
9.	Rose Apple	Local type
10.	Annona spp.	Gold and Balanagar
11.	Amla	NA 7 and Kanchan
12.	Wood Apple	Local Type (Grafted)
13.	Date Palm	Local Type
14.	Tamarind	Local Type

## Water-Conscious Planting

S.No.	Crop
1.	YUCCA
2.	ALOE VERA
3.	BOUGAINVILLEA
4.	AGAVES
5.	CACTI AND SUCCULENTS
6.	CURRY LEAVES
7.	CURRY LEAVES
8.	DATE PALM
9.	HENNA
10.	BASIL
11.	JACK TREE
12.	LEMMON GRASS
13.	NEEM TREE
14.	TAMARIND TREE
15.	MANGO TREE
16.	MORINGA TREE
17.	CASHEW NUT
18.	BANYAN TREE
19.	CASSIA FISTULA TREE
20.	LAGERSTROEMIA TREE
21.	CALLISTEMON TREE
22.	LANTANA
23.	OLEANDER
24.	ADENIUM





**View of Fruit Orchard**



**A View of Mini Orchard**

















**Deep-rooted Trees**