## Artocarpus heterophyllus Lam.

**Synonyms**: Artocarpus integrefolia auct. non L.

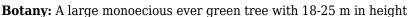
**Family** : Moraceae **Group** : 6. Star trees

Parts Used: Root, Fruit, Leaf, Seed, Wood, Latex

Vernacular Names

English : Jack fruit tree

Malayalam : പ്ലാവ് Hindi : Kathal, Cakki Sanskrit : Panasah



• **Wood**: Bark black mottled with green, rough with warty excrescences, heartwood bright yellow, sapwood pale white.

- *Leaf:* Simple, alternate, coriaceous, entire shiny, dark, green above, penninerved, lateral nerves 7-8 pairs, stipules sheathing, leaving a scar on falling;
- *Inflorescence*: Cauliforous and also from the main branches, tender heads enclosed by glabrous to puberulous, leafy scales which fall off leaving annular flange at base. Male Flowers: crowded on globose receptacle both cauliforous.
- *Fruits*: Multiple large, fleshy globose or oblong, covered with tubercles, seeds oval with memberaneous testa, cotyledons unequal.

## **Uses:**

- Seeds are sweet, diuretic, aphrodisiac and constipating.
- Unripe fruits are acrid, astringent, carminative and tonic. Ripe fruits are sweet, cooling, oleaginous, laxative, aphrodisiac and tonic
- Wood is nervine sedative. Latex is useful in diopsia, ophtalmitis and pharyngatis
- Leaves are useful in fever, boils, wounds and skin diseases.

## Agro technology

**Propagation:** Seedlings or grafts for planting.

*Harvesting*: The seedlings generally bear after eight years and the grafted plants after three years of planting. The fruiting season lasts about four months from January –February to May-June. The average yield from one tree is about 50-100 fruits per year.











