

# *Bryophyllum pinnatum* (Lam.) Oken

**Synonyms** : *Bryophyllum calycinum* Salish. , *Kalanchoe pinnata* (Lam.) Pers

**Family** : Crassulaceae

**Parts Used** : Leaf

## **Vernacular Names**

English : Kalanchoe

Malayalam : Ilamulachi

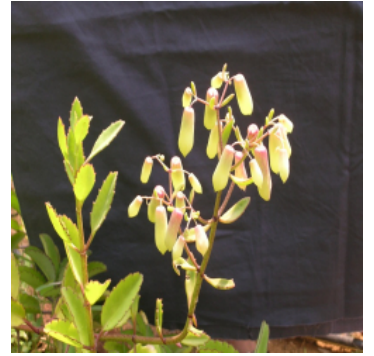
Hindi : Jakh me hayat

Sanskrit : Parnabijah

Kannada : Gandukalinga

Tamil : Malaikkalli, Runakkalli

Telugu : Simajamudu



**Distribution and Habitat:** Through out India

**Botany:** A succulent perennial glabrous herb up to 1.2m in height with obtusely 4-angled stem, younger parts reddish speckled with white.

• **Leaves:** Opposite, decussate, the lower usually simple, the upper usually 3-7 foliate, long petioled, petioles united by a ridge round the stem, crenatures at the extremities of the lateral nerves furnished with rooting vegetative buds.

• **Flowers:** Reddish purple, pendent, in large spreading panicles.

• **Fruits:** Membranous follicles enclosed in the persistent papery calyx and corolla, seeds smooth, ellipsoid.

**Chemical constituents:** steroids, flavonoids, terpenoids, fatty acid, bufadienolides etc

**Properties:** antimicrobial, anti-ulcer, antihypertensive, antileishmanial, anti-cancer, anti-diabetic, and immunomodulatory effects

**Uses:** It is used in haemorrhoids, discolouration of the skin, scalds and acute inflammations, urinary disorders, small pox, fever

**Propagation:** Leaf cuttings

