

SRI SIVANI COLLEGE OF PHARMACY

(Under the Management of Sri Sivani Educational Society, Srikakulam)
(Estd.2007, Approved by PCI-New Delhi and Affiliated to JNTU, Gurajada-Vizianagaram)
N.H-16, Chilakapalem Jn., Etcherla Mandal, Srikakulam Dist - 532402.

TULSI

BOTINICAL NAME: OCIMUM TENUIFLORUM

FAMILY: Lamiaceae

SYNONYMS:

ENGLISH: Basil HINDI: Tulasee TAMIL: Tulasi TELUGU: Tulasi



CHEMICAL CONSTITUENTS:

- Tulsi is cultivated for religious and traditional medicine purposes, and also for its essential oil.
- ❖ The Tulsi plant contains numerous active compounds and the major compounds are linalol, eugenol, methylchavicol, methylcinnamat, linolen, ocimene, pinene, cineol, anethol, estragol, thymol, citral, and camphor.

OH
OMe
OMe
OMe
$$CH_2 - CH = CH_2$$

$$CH_2 - CH = CH$$
Eugenol
Methyleugenol

USES:

- **❖** Boosts immunity power
- **♦** Antiviral
- Antifungal
- **♦** Antiprotozoal
- Antimalarial
- It is also used to treat heart disease and fever
- ❖ Tulsi is also used to treat respiratory problems
- ❖ Tulsi is used to cure fever
- Common cold and sore throat
- Headaches and kidney stones