



# 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.

## ROSE

**BOTINICAL NAME:** *ROSA RUBIGINOSA*

**FAMILY:** Rosaceae

**SYNONYMS:**

**ENGLISH:** Rosa

**HINDI:** Gulaab

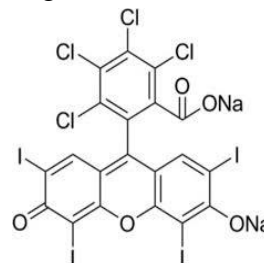
**TAMIL:** Uyarntatu

**TELUGU:** Gulābī



**CHEMICAL CONSTITUENTS:**

- ❖ Rose flowers are rich in biologically active compounds, such as phenolics, flavonoids, anthocyanins, and carotenoids.
- ❖ Quinic acid (43.12%), Pyrogallol (21.92%), 5- Hydroxymethylfurfural (11.52%), 4H-Pyran-4-one,2,3-dihydro-3,5-dihydroxy-6-methyl- (8.31%), and Levoglucosan (5.69%)



**USES:**

- ❖ Anti-inflammatory
- ❖ Analgesic
- ❖ Antibacterial
- ❖ Antioxidant
- ❖ Nervous tension
- ❖ Rose petal jam
- ❖ Sugared rose petals
- ❖ Diabetes medication
- ❖ Antimicrobial effects
- ❖ Brewing rose tea