



SIGMA[®]
UNIVERSITY

Ixora



Synonym:

- Gujarati: Rangan
- Hindi: Rangan / Jungle Geranium
- English: Flame of the Woods / Jungle Geranium / Ixora

Botanical name: *Ixora coccinea* Linn.

Family: Rubiaceae

Chemical Constituent:

- Flavonoids (quercetin, rutin)
- Tannins
- Alkaloids
- Saponins
- Glycosides

Therapeutic Effect:

- Antimicrobial – effective against bacterial and fungal infections
- Anti-inflammatory – reduces swelling and pain
- Antioxidant – protects against oxidative stress

- Wound healing – promotes tissue repair
- Antidiarrheal & gastroprotective – used in traditional medicine for stomach ailments

Marketed preparation:

- Herbal powders and decoctions (used in Ayurveda for diarrhea and dysentery)
- Ixora extracts in ointments for wound healing
- Cosmetic formulations (skin creams, herbal beauty products)

Key Constituents:

- Quercetin & Rutin – antioxidant flavonoids
- Tannins – astringent and antimicrobial
- Alkaloids – therapeutic bioactivity

Uses:

- Treatment of diarrhea, dysentery, fever, and ulcers
 - Used for skin infections and wound healing
 - Relief in inflammation and pain

- Ornamental:
 - Popular garden shrub with bright red, orange, or yellow flowers
- Cultural:
- Flowers used in religious offerings and decorations