

# Lantana Camara : A Medicinal Plant

Sajan Gulde<sup>1</sup> and Pranita Sanjay Dudhe<sup>2</sup>

Student, Vardhaman College of Pharmacy, Karanja (Lad), Maharashtra, India<sup>1</sup>

Associate Professor, Vardhaman College of Pharmacy, Karanja (Lad), Maharashtra, India<sup>2</sup>

**Abstract:** *Large areas of dry-moist forests and other culturable wastelands have been overrun by lantana on the Indian subcontinent, which may have changed ecosystem services, biodiversity, and landscape ecology. In addition to forest and barren areas, it has infiltrated the majority of Indian grazing lands (13.2 million hectares), and its control is expected to cost US\$70 per hectare. Rapid spread, severe infestation, allelopathy, opportunistic growth habit, reproductive biology features, and a persistent resistance to burning and cutting make this invasive weed unique.(1)*

*With an emphasis on its ecological characteristics, including biomass productivity, reproductive biology, invasiveness, allelopathy, eradication strategies, and commercial applications documented from India, this research examines the state of knowledge regarding Lanthana camara. The literature evaluation indicates that lantana's economic benefits and advantages outweigh its drawbacks, necessitating more research on cost-benefit analysis when making decisions about its management and eradication.(1).*

**Keywords:** camara lantana. India's ecology, invasion, eradication, and effects, both positive and negative.<sup>(2)</sup>