



“RIGHT PLACE FOR BRIGHT FUTURE”
MANOHARBHAI SHIKSHAN PRASARAK MANDAL ARMORI'S
**MAHATMA GANDHI ARTS, SCIENCE &
LATE NASARUDDINBHAI PANJWANI COMMERCE
COLLEGE, ARMORI Dist. Gadchiroli (M.S.) 441 208**

Affiliated to Gondwana University, Gadchiroli
Re-accredited by NAAC 'A' with 3.02 CGPA

PLANT MORPHOLOGY



Botanical Name :- **Cassia siamea Lamk.**

Family :- **Caesalpiniaceae**

Local Name :- **Gulmohar**

It is native to south and Southeast Asia, although its exact origin is unknown. It is often used as shade tree in Cocoa, Coffee and Tea plantations. The tree needs very low maintenance. It is normally propagated by seed, and plantations are often established by direct sowing.

Morphology :-

It is a medium-size, evergreen tree growing up to 18 m; bark is gray or light brown, smooth, becoming slightly fissured, inner bark is light, brown and gritty. The sapwood is light brown and the heartwood dark brown. Leaves are alternate, pinnately compound, with slender, green-reddish, tinged axis and 6 to 12 pairs of leaflets on short stalks, rounded at both ends. The tree has a dense crown and bears large, attractive bunches of yellow flowers. Its blooming period is July to October. It starts flowering and fruiting at the age of 2-3 years. The fruit is a flat pod 15-25 cm long, thickened at both sutures, containing many beanlike seeds. Once matured, it flowers richly throughout the year.

Uses :

C. siamea has also got medicinal properties which are mentioned in Ayurveda. The fruit is used for treatment intestinal worms in children. The heartwood is used for scabies. *Cassia siamea* has been evaluated for its potent anti-oxidant activity. It also prevents oxidative damage to the liver.
