

“RIGHT PLACE FOR BRIGHT FUTURE”

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**MAHATMA GANDHI ARTS, SCIENCE &  
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Re-accredited by NAAC 'A' with 3.02 CGPA



**PLANT MORPHOLOGY**



<b>Botanical Name :-</b>	<b>Cassia fistula L.</b>
<b>Family :-</b>	<b>Caesalpinaceae</b>
<b>Local Name :-</b>	<b>Bahava/ Amaltash</b>

*Cassia fistula*, often known as golden shower, is a member of the Caesalpinaceae family. The species is native to the Indian subcontinent and the Southeast Asian countries that surround it. It extends from Indian subcontinent to Myanmar and Thailand, as well as south to Sri Lanka and Pakistan's south. It is a popular ornamental plant as well as a medicinal plant. It is Thailand's national flower as well as its national tree. It is the state flower of Kerala.

*C. fistula* is common plant in Gadchiroli forest. It flowers in late spring. Flowering is abundant, with trees being covered with yellow flowers, many times with almost no leaf being seen. It grows well in dry climates.

**Morphology: -**

*Cassia fistula* is a medium sized deciduous or semi-deciduous tree. The stem bark is pale grey, smooth and slender when young and dark brown and rough when old. The leaves are alternate, spirally arranged, paripinnately compound, each pinnae bearing 3-6 pairs of large, ovate leaflets, entire. The flowers are showy, bright yellow in colour, pentamerous. They are borne on terminal, drooping racemes about 30-60 cm long. The fruit is a pendulous, cylindrical, indehiscent pod, black, glabrous and many seeded.

**Uses: -**

The bark and leaves are used for skin diseases. The seeds are recognised as carminative, and laxative while the root is used for curing adenopathy, burning sensations, leprosy, skin diseases. The leaves of the tree is used for erysipelas, malaria, rheumatism, and ulcers. and skin disease and the fruit for abdominal pain, constipation, fever, heart disease, and leprosy. Thus, every part of this plant is recognized for its medicinal properties.

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