



“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 :- *Pongamia pinnata* (L.) Pierre.

Family :- Fabaceae

Local Name :- Karanj

Pongamia pinnata is a native to eastern and tropical Asia, Australia, and Pacific islands. Its common names include Indian Beech and Pongame Oil-tree. Karanj trees are normally planted along the highways, roads and canals to stop soil erosion. More recently, Karanj has been cultivated as a garden ornamental and for shade.

Morphology :

Evergreen trees, bark grey, smooth; branchlets lenticellate. Leaves imparipinnate, alternate; rachis pulvinate; leaflets 5-7, opposite, elliptic-acuminate, elliptic-lanceolate, apex acuminate, margin entire, glabrous, chartaceous. Flowers bisexual, purplish-white, in lax axillary racemes. Fruit a pod, obliquely oblong, flat, thick, pointed at both ends, indehiscent, slightly falcate; seed one, reniform.

Uses :

Karanj seeds and oil is anthelmintic, insecticidal, nematocidal and bactericidal. It is useful in rheumatism arthritis, whooping cough, skin ailments and scabies. Seed oil is mainly used in cosmetics, in soap making and as a lubricant. Bark is anthelmintic and used in pesticides.
