Arjun

Terminalia arjuna

Code: TREE-F15B08E523D5A1B **Location:** XIM University Campus **Local / Vernacular name:** ଅର୍ଜୁ

Botanical Details

Leaf habit: The Arjun tree is evergreen to semi-evergreen, depending on the climate. In moist tropical regions, it retains its leaves throughout the year, while in drier conditions it may shed some leaves seasonally. This adaptation helps it survive varying environmental conditions. Flowers / Fruits: The Arjun tree produces small, pale yellow to white flowers arranged in clusters. These flowers attract bees and other insects for pollination. The fruit is a woody, fibrous drupe with five hard wings, which help in wind and water dispersal. Flowering usually occurs in spring, followed by fruiting in the monsoon or early winter. Native range: nan

Uses & Importance

Ecological: The Arjun tree plays a vital role in riparian ecosystems, especially along riverbanks and streams. Its strong and spreading root system helps prevent soil erosion and stabilizes riverbanks. The tree provides shelter and nesting sites for birds, insects, and small animals. Its dense canopy offers shade, helps regulate microclimate, and contributes to carbon sequestration. The fallen leaves enrich the soil by adding organic matter and nutrients.

Medicinal: The Arjun tree is highly valued in traditional medicine, especially in Ayurveda. Its bark is widely known for its cardio-protective properties and is used to treat heart-related conditions such as high blood pressure, chest pain, and irregular heartbeat. It is also used to treat asthma, wounds, ulcers, and urinary disorders. The bark contains antioxidants, tannins, and flavonoids, which contribute to its healing effects.

Cultural: The Arjun tree holds religious and cultural significance in India. It is associated with strength, protection, and healing. In Hindu traditions, the tree is sometimes planted near temples and sacred places. Its bark and leaves are used in rituals, and the tree is often mentioned in ancient scriptures and folklore. It is also respected as a “ guardian tree” because of its protective and medicinal value.

Location

GPS: 20.15860192, 85.76535449

Directions: https://www.google.com/maps/dir/?api=1&travelmode=walking&destination=20.15860192%2C85.76535449