Olive

Olea Europaea

Code: XIM-T-067 **Location:** XIM University Campus **Local / Vernacular name:** ଜଳପାଇ ଗଛ

Description

XIM University campus biodiversity register (2026–27). Recorded individuals: 16; abundance rank: 17.

Botanical Details

Leaf habit: Evergreen Flowers / Fruits: Flowers are small, white to yellowish, and arranged in loose clusters. Fruits are fleshy drupes that turn from green to black as they ripen. Native range: Native to the Mediterranean Basin, including Southern Europe, North Africa, and Western Asia.

Uses & Importance

Ecological: The olive tree plays an essential role in Mediterranean ecosystems by offering nutrient-rich fruits to birds and mammals, supporting diverse pollinators through its flowers, and stabilizing dry, rocky soils with deep roots. Its drought tolerance helps maintain vegetation cover and prevents desertification during prolonged dry periods.

Medicinal: Olive leaves and olive oil have long been used medicinally for their antioxidant, antiinflammatory, and cardioprotective properties. Olive leaf extract helps reduce blood pressure, supports immunity, and fights microbial infections, while olive oil promotes heart health, improves digestion, moisturizes skin, and aids in reducing harmful cholesterol levels.

Cultural: The olive tree is revered in Mediterranean cultures and Abrahamic religions, symbolizing peace, purity, and divine blessing. Olive oil is used in Christian anointing rituals, Jewish festivals, and Islamic traditions. Its presence represents longevity, wisdom, and blessings, deeply embedded in regional history, myth, and spiritual identity.

Location

GPS: 20.15860192, 85.76535449

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