

DEPARTMENT OF BOTANY

COMMON NAME - MADAGASCAR PERIWINKLE

BOTANICAL NAME - CATHARANTHUS ROSEUS

TREE TYPE - SHURBS

CLASSIFICATION :-

Class: Angiosperms

Class: Eudicots

Class: Asterids

Order: Gentianales

Family: Apocynaceae

Genus: Catharanthus

Species: C. roseus



LOCATION :- Main Entrance

USES:-

Vinblastine and vincristine, chemotherapy medications used to treat several types of cancers, are found in the plant and are biosynthesised from the coupling of the alkaloids catharanthine and vindoline. The newer semi-synthetic chemotherapeutic agent vinorelbine, used in the treatment of non-small-cell lung cancer, can be prepared either from vindoline and catharanthine or from the vinca alkaloid leurosine, in both cases via anhydrovinblastine. The insulin-stimulating vincoline has been isolated from the plant