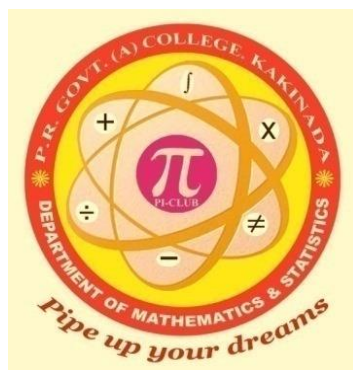


P.R.GOVERNMENT COLLEGE(A) KAKINADA



DEPARTMENT OF MATHEMATICS



DEEKSHARAMBH:2022-23

VISIT TO CORINGA WILDLIFE SANCTUARY WITH
B.SC FIRST YEAR STUDENTS

29 OCTOBER 2022

Coringa Wildlife Sanctuary

Coringa Wildlife Sanctuary is an estuary situated near Kakinada in Andhra Pradesh, India.^{[2][3]}

It is the third largest stretch of mangrove forests in India with 24 mangrove tree species and more than 120 bird species. It is home to the critically endangered white-backed vulture and the long billed vulture.^[1] Mangroves are a group of trees and shrubs that live in the coastal intertidal zone, with a dense tangle of prop roots that make the trees appear to be standing on stilts above the water. This tangle of roots allows the trees to handle the daily rise and fall of tides; hence, the mangrove forest gets flooded at least twice per day. The roots also slow the movement of tidal waters, causing sediments to settle out of the water and build up the muddy bottom.

It also stabilizes the coastline, reducing erosion from storm surges, currents, waves, and tides. The intricate root system of the mangrove also makes the forest attractive to fish and other organisms seeking food and shelter from predators.

Geography

Coringa Wildlife Sanctuary is 8 km from the port city of Kakinada, on the Kakinada-Yanam National Highway 216 in Chollangi Village, nestling on the deltaic branches of Gouthami and Godavari Rivers at Kakinada Bay.

It is located between 16°-30' to 17°-00' N latitudes and 82°-14' to 82°-23'E longitudes.

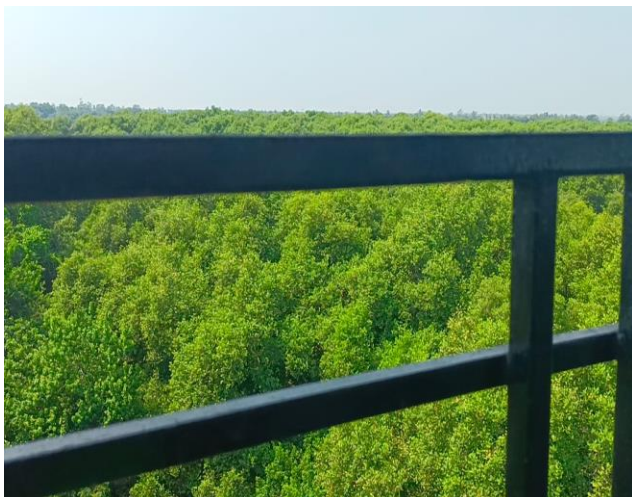
The sanctuary is a part of the Godavari estuary and has extensive mangrove and dry deciduous tropical forest.

About half of the area is the backwater, which includes a sand pit of 18 km length. The rivers Coringa and Gaderu and their deltaic branches intersect the region, along with other water channels. This forms about 335.7 square km of marsh vegetation.

The average temperature of the region is 17 °C to 40 °C.

Average Rainfall is greater than 1,000 mm.





Participated B.Sc Mathematics student data

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