

Holy Cross College (Autonomous)

Nagercoil-629004

Affiliated to Manonmaniam Sundaranar University, Tirunelveli Nationally Accredited with A+ Grade (CGPA 3.35) by NAAC IV Cycle An ISO 9001:2015 Certified Institution SSR 2019-2020 to 2023-2024

7.1.5 Green campus initiatives of the institution including Restricted entry of automobiles, Use of Bicycles/ Battery powered vehicles, Pedestrian Friendly pathways, Ban on use of Plastic, landscaping with trees and plants etc

FLORA AND FAUNA IN THE CAMPUS

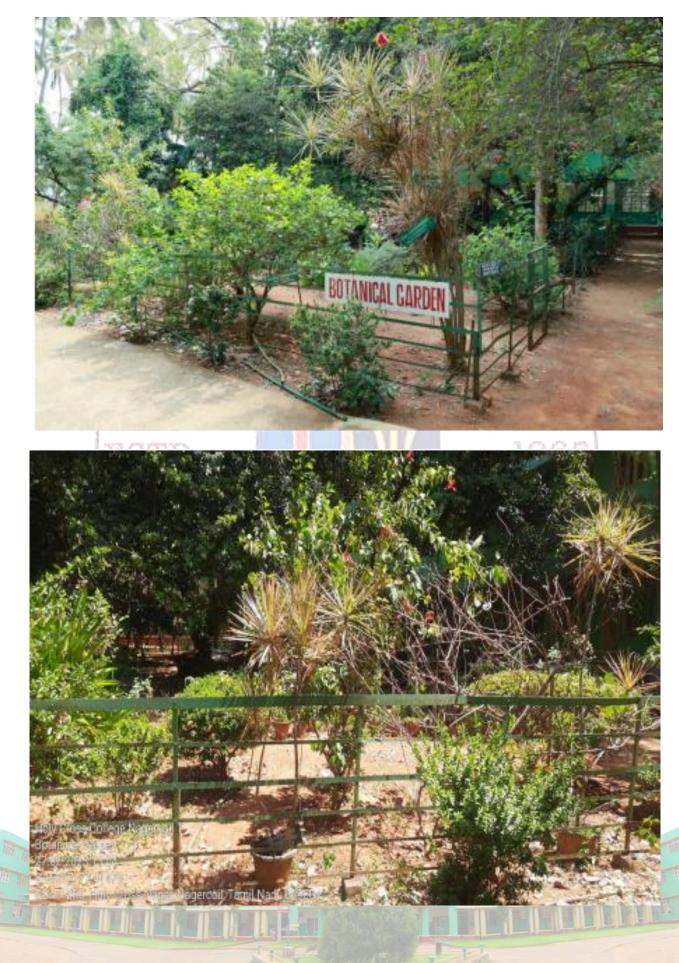
FLORA MATHA GARDEN



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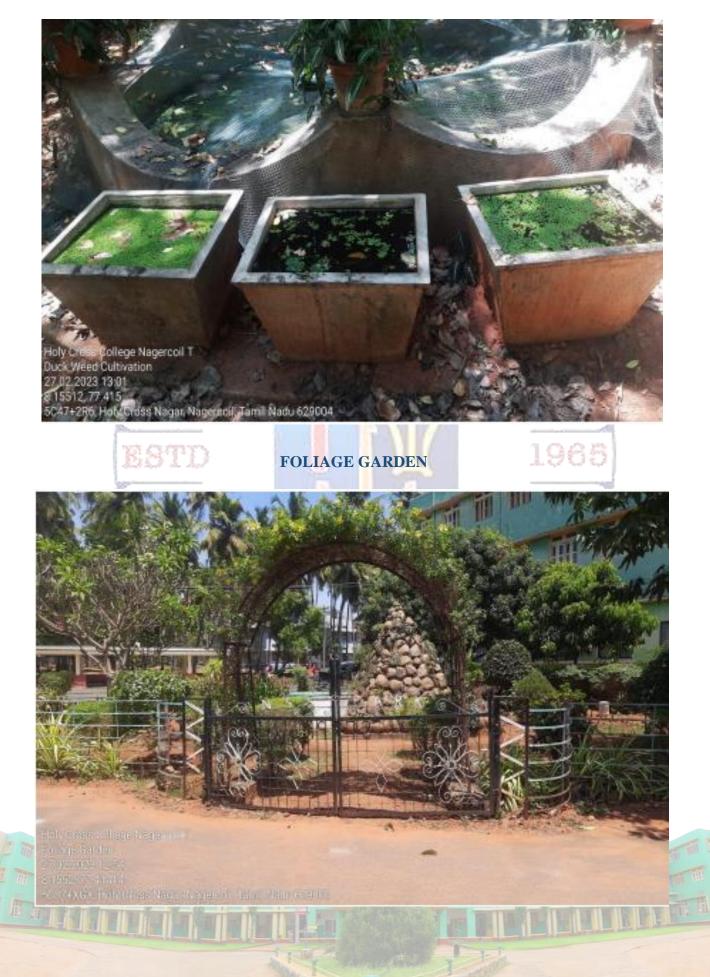
BOTANICAL GARDEN

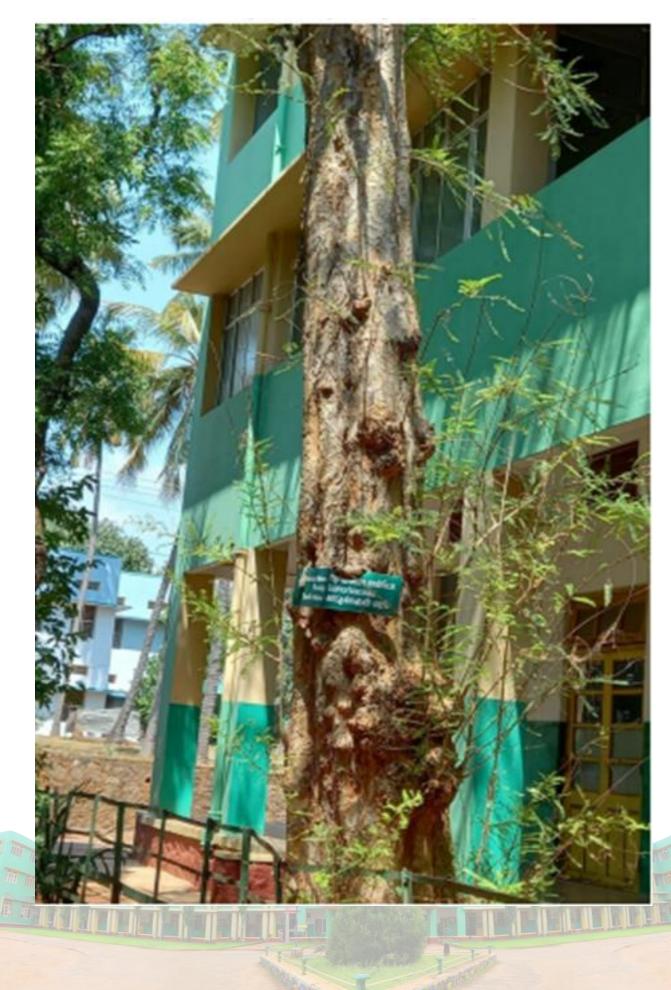




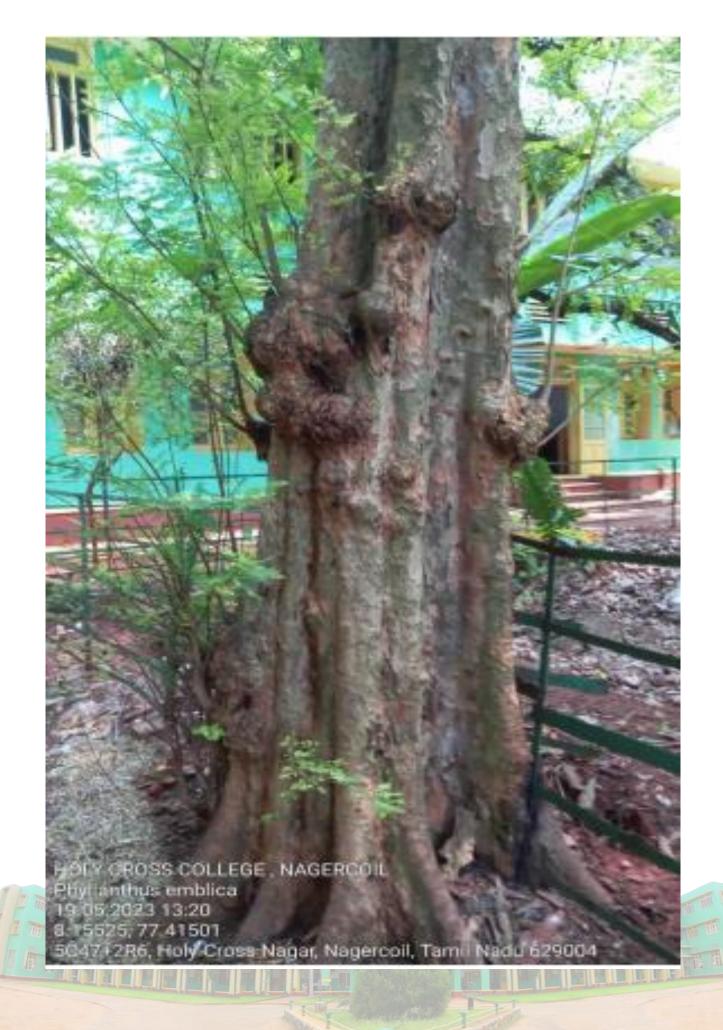


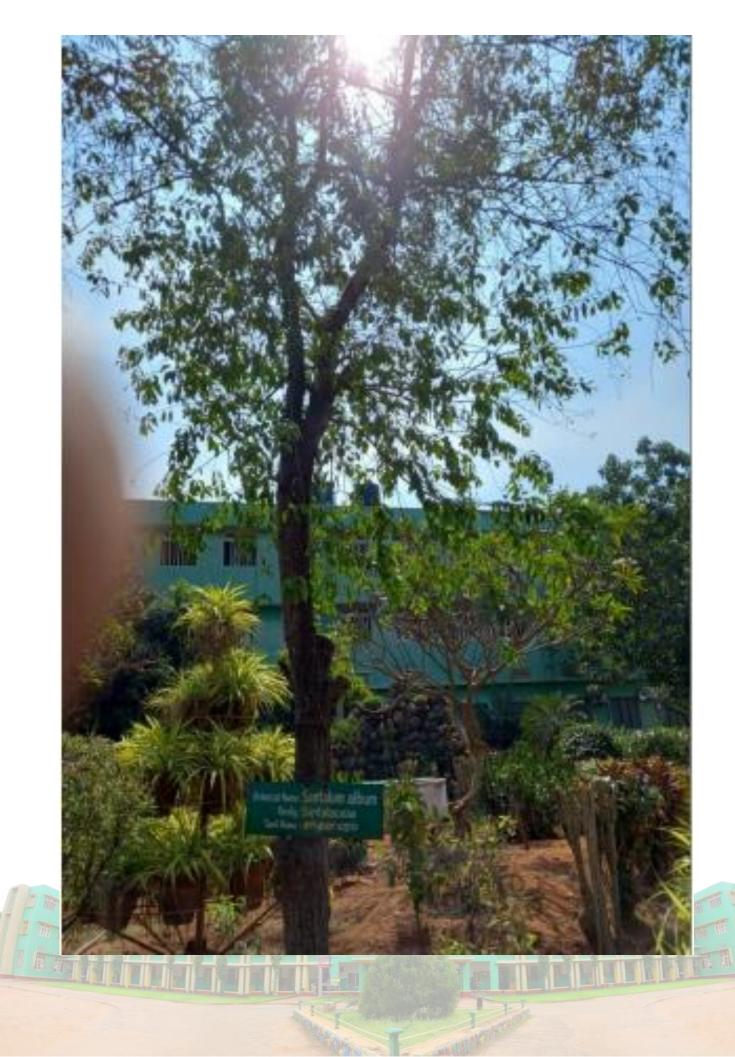
DUCK WEED CULTIVATION





TREES WITH BOTANICAL NAMES





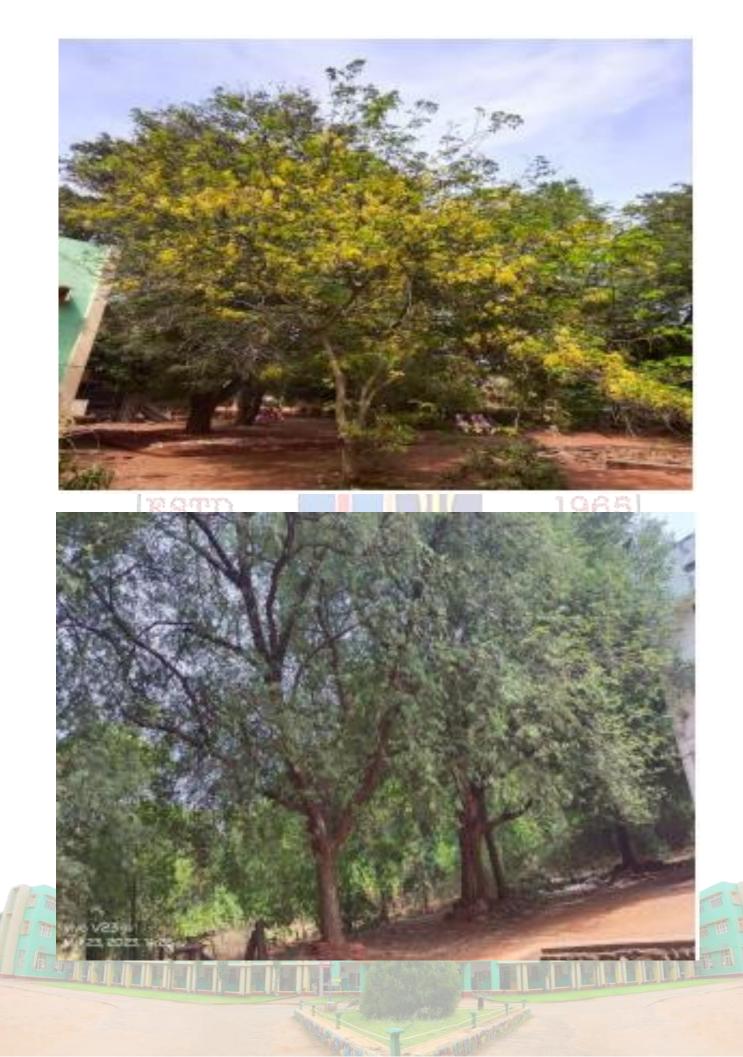






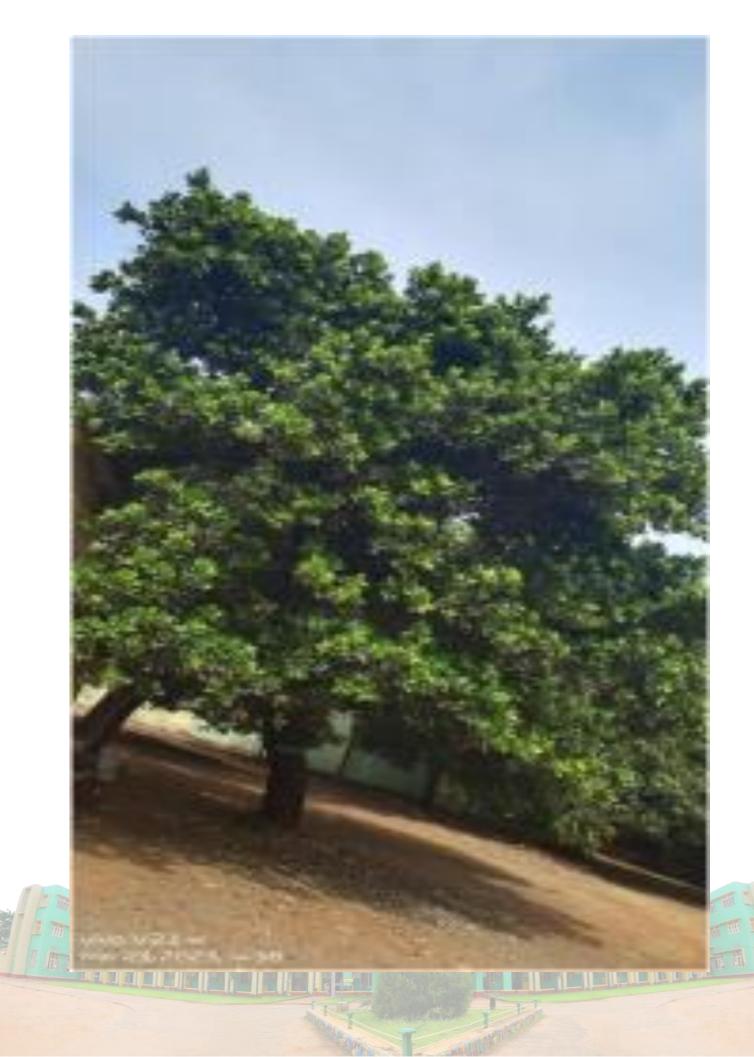




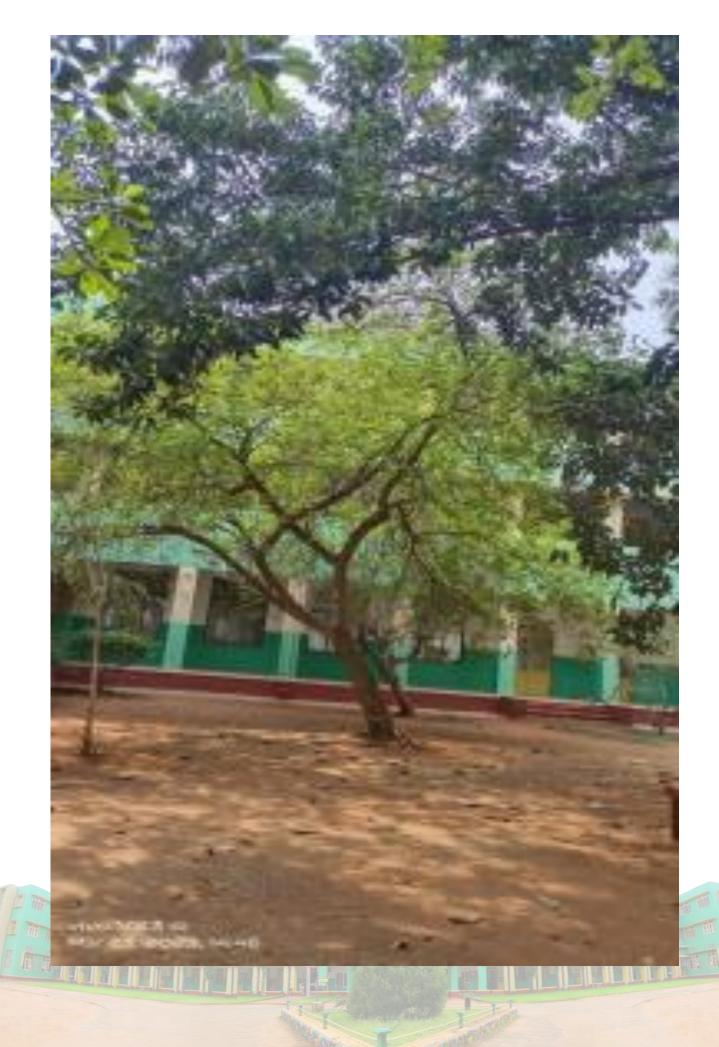


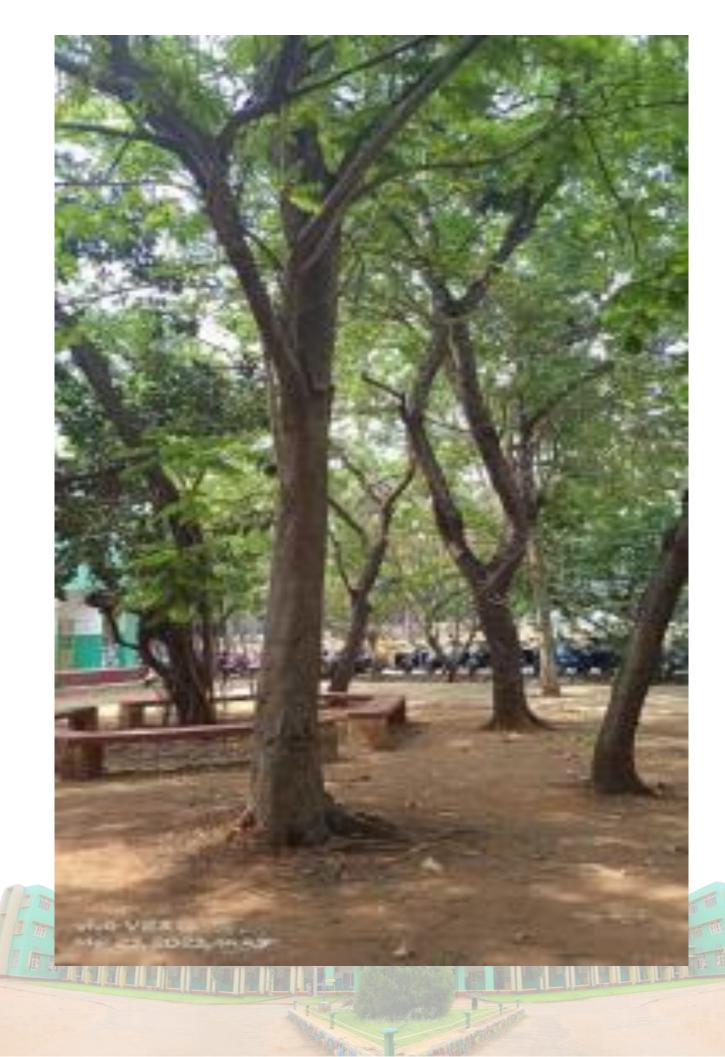






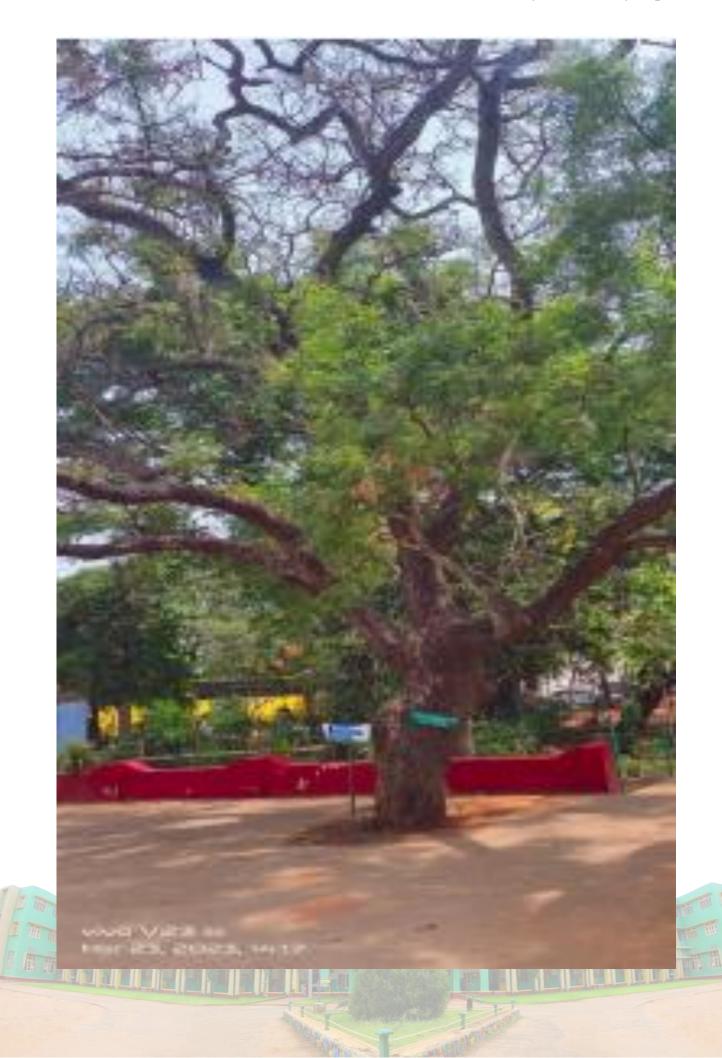


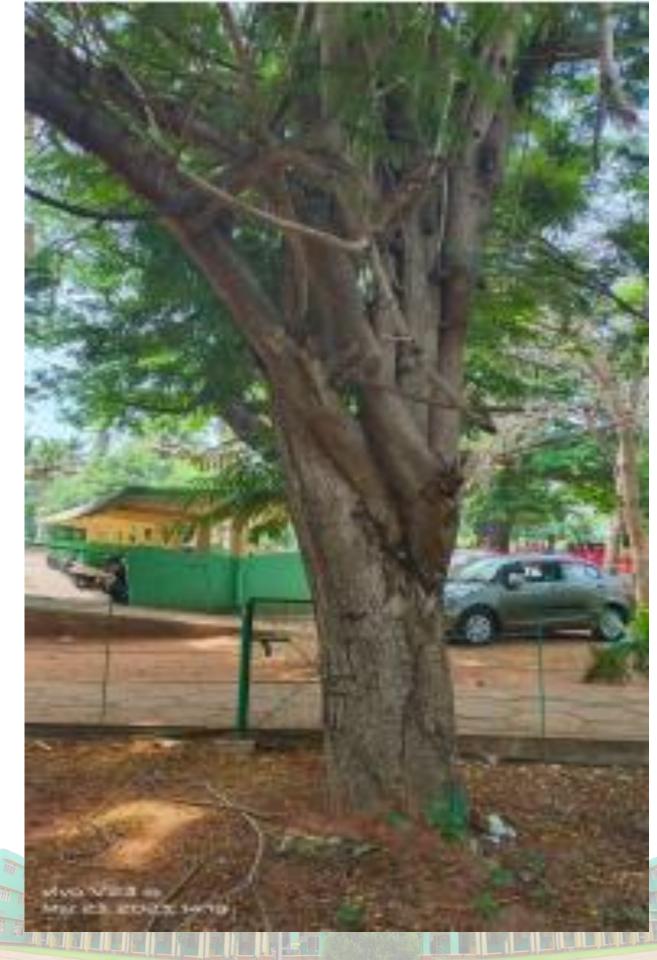






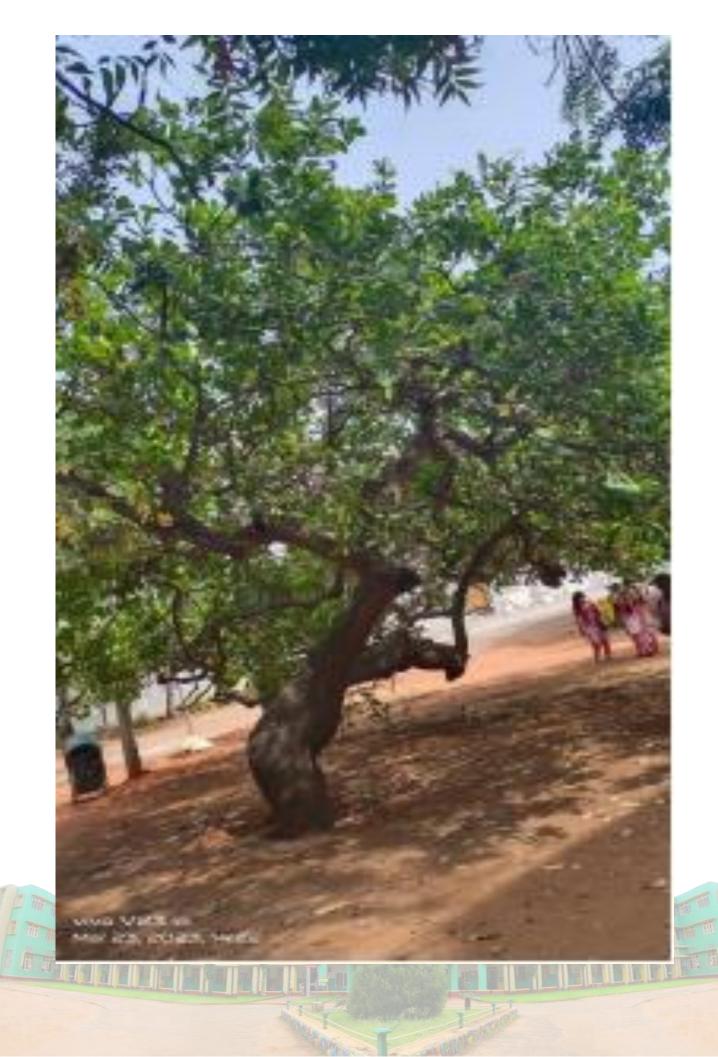








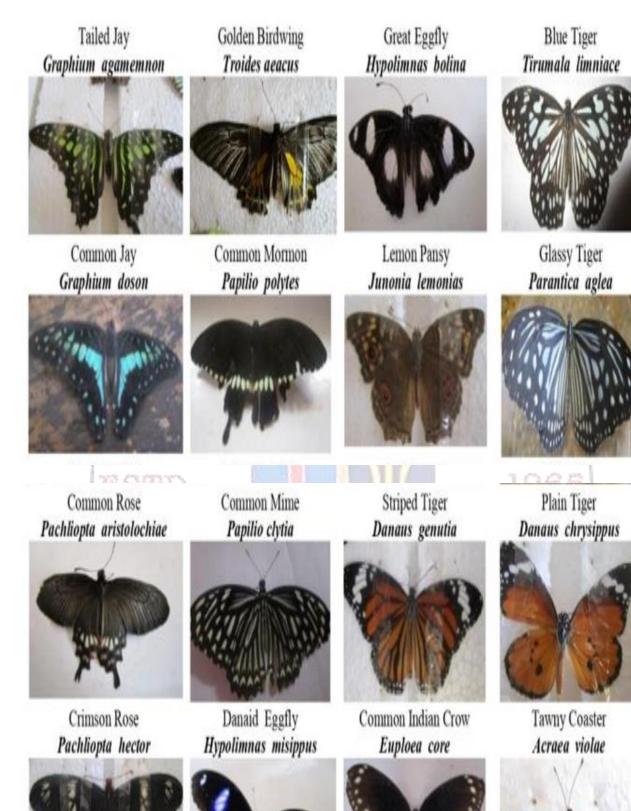




FAUNA

BUTTERFLIES IDENTIFIED IN THE CAMPUS





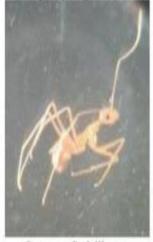






ANTS IDENTIFIED IN THE CAMPUS

Yellow crazy ant Anoplolepsis gracilipes



Common Godzilla ant Camponotus compressus



Carpenter ant Camponotus variegatus



Black Carpenter ant Camponotus pennsylvanicus



Golden black ant Camponotus sericeus



Smaller Carpenter Ant Camponotus nearcticus



Carpenter Ant Camponotus Festinatus



Japanese Carpenter ant Camponotus japonicus



Carpenter Ant Camponotus subbarbatus



Carpenter Ant Camponotus angusticollis



Red wood ant Formica rufa



Black garden ant Lasius niger





Big - headed Ant Pheidole crassicornis



Cardiocondyla minutior



Acrobat Ant Crematogaster cerasi



Pavement Ant Tetramorium caespitum



Acrobat Ant Crematogaster ashmeadi

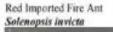


Red fire ant Solenopsis geminata



Acrobat Ant Crematogaster lineolata









Phyllophaga tristis	Order: Coleoptera Family: Scarabaeidae Genus: Phyllophaga Species: tristis	Adults are large, often brown, beetles that are active in evening or early night and are big enough to be easily noticed
Gymnetis thula	Order: Coleoptera Family: Scarabaeidae Genus: Gymnetis Species: thula	Larvae have been found on or near oaks, mesquite, and other trees. Adults enjoy ripe fruit and leaking tree sap on trunks.
Cyclocephala hirta	Order: Coleoptera Family: Scarabaeidae Genus: Cyclocephala Species: hirta	Adults of Cyclocephala hirta are having a characteristic brown to black stripe or mask across their eyes and face, which distinguishes them from other similar species.
Tenodera sinensis	Order: Mantodea Family : Mantidae Genus : Tenodera Species : sinensis	Native in Asia and near by islands. It is also known as Chinese mantis Eaten by monarch butterfly.
Odontomantis planiceps	Order: Mantodea Family: Hymenopodidae Genus: Odontomantis Species: planiceps	They are completely black from the 1" to 3" instar with green bands at the edges of thorax segment. Approximately 12cm.
Linepithema humile	Order: Hymenoptera Family: Formicidae Genus: Linepithema Species: humile	This is notoriously pestiferous Argentine ant. Large colonies compressing hundreds of queens.

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ARTHROPOD IDENTIFIED IN THE CAMPUS

Rhynchophorus ferrugineus	Order: Coleoptera Family: Curculionidae Genus: Rhynchophorus Species: ferrugineus	It is relative large, rangin between 2 and centimetres lon and are usually rusty red colour.
Nebria brevicollis	Order: Coleoptera Family: Carabidae Genus: Nebria Species: brevicollis	It is a groun beetle. Native Europe. High distributed in o growth forest.
Harpatus nıfipes	Order: Coleoptera Family: Carabidae Genus: Harpatus Species: nufipes	Harpatus rufip acts as biological agent pest and a stus has shown th beetle is sensitiv to engine oil an diesel oil.
Anoplophora glabruponnis	Order: Coleoptera Family: Cerambycidae Genus: Anoplophora Species: glabripennis	The Asian lon horned beetle, al known as th starry sky.
Brachysomida atra	Order: Coleoptera Family: Cerambycidae Genus: Brachysomida Species: atra	Length is about 13 mm. It recognized by th short, stout for convergent tempora, sho thickened antennae an transverse pronotum,
Popillia japonica	Order: Coleoptera Family: Scarabaeidae Genus: Popillia Species: japonica	The add measures 15 m (0.6 in) in leng and 10 m (0.4 in) in widt has iridescent co per-

Biepharida rhois	Order: Coleoptera Family:Chrysomelidae Genus: Blepharida Species: thois		It is also known as the sumac flea beetle. The colour of the species is red.
Chrysochus Cobalitinus	Order: Coleoptera Family: Chrysomelidae Genus: Chrysochus Species: cobalitinus		it is a blue milkweed beetle. Native in united states and British coloumbia. Active in early summer.
Monocesta coryli	Order: Coleoptera Family: Chrysomelidae Genus: Monocesta Species: coryli		One of the largest beetle, orange and metalic blue in colour.
Gastrophysa viridula	Order: Coleoptera Family: Chrysomelidae Genus: Gastrophysa Species: viridula		The length of the green dock beetle varies between sexes, with the males being 4 mm and the females being 7 mm.
Exomala Orientalis	Order: Coleoptera Family: Ratelidae Genus: Ecomala Species: orientalis		It is an exotic, invasive species in USA. Native in philiippine islands. It is yellowish in
Ourysina beyeri	Order: Coleoptera Family: Rutelidae Genus: Chrysina Species: beyeri	Der.	colour. It is green in colour. Beetles known as Scarabaeidae. It is shining leaf chafer.
Coccinella transversalis	Order: Coleoptera Family: Coccinelladae Genus: Coccinella Species: transversalis	۲	Commonly known as transverse ladybird, Found in India across southern Asia 3.8- 6.7mm in length. Bright orange red in colour boldly marked with black

Black beetle



Lady bird beetle and larva

Brown marmorated stink bug



Wingless grasshopper



Carpenter ant



Black fly





Long legged fly



Ivory marked borer beetle

Two striped jumping spider



Sawyer beetle



Eggs of squash bugs



Crab spider



1.60





Praying mantis



Squash bug

Flatid plant Hopper



Cow bug



Flea beetle



Two spotted sesame bug





展開



Whiplash Beetles

Short horned grasshopper



White leaf hopper



Lynx Spider (Red)



Jumping spider





清 用

Mealy bug



Assassin bug

Black spider



Seed bug





Mealy bug





長用

Mealy bug



Brown marmorated stink bug

Praying mantis nymph



Weaver ant



Lady bug beetle



Flea beetle







Tussock Moth larva

Little leaf notcher



Lady bird beetle



Weevil beetle



Hobo spider





die H

Lacewing eggs



Soldier fly

Stem borer



Lady bug beetle



Lygaeid bug



Green Lynx Spider







Lemon Emigrant





CENTIPEDES IDENTIFIED IN THE CAMPUS



LITHOBIUS SPS.



SCUTIGERA SPS.





DIGITIPES PRUTHI



OTOSTIGMUS CEYLONICUS



SCOLOPENDRA AMAZONICA







RHYSIDA NUDA NUDA



RHYSIDA LONGIPES



OTOSTIGMUS NUDUS



