

GOVERNMENT DEGREE COLLEGE, FALAKNUMA

DEPARTMENT OF BOTANY

FEILD SURVEY (2020-2021)

TITLE - BIODIVERSITY OF FLORA IN NEW BUILDING

CAMPUS

BY

BSC (B.Z.C.) III YR, VI SEM STUDENTS

S.No.	HT.No.	Name of the student
1.	191118 445012	Maryam begum
2.	191118 445013	Maviya begum
3.	191118 445019	Sadiya begum
4.	191118 445020	Sajida begum
5.	191118 445031	Sara begum
6.	191118 445927	Tasneem begum



Principal  
Govt. Degree College  
Falaknuma, Hyderabad.

Signature of Principal

GDC, FALAKNUMA  
DEPARTMENT OF BOTANY  
FIELD SURVEY (2020-2021)

TITLE - BIODIVERSITY OF FLORA IN NEW BUILDING  
CAMPUS

Objectives - To survey the flora in our college campus.

To assess the Biodiversity of the flora.

To understand the significance of Conservation.

Method- Students of our college were assigned to conduct field survey of flora in our college campus. The students were given the formats to give the data of number of trees with their names and number of shrubs with their names and number of herbs with their names. Students gave the data as per their survey.

list of trees , shrubs and herbs were prepared and graphs of the data was compiled as per the findings.

LIST OF TREES

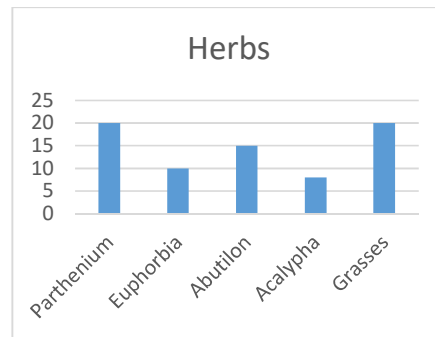
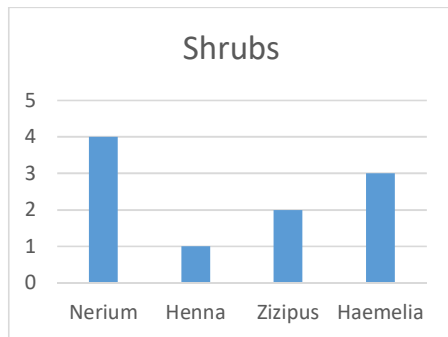
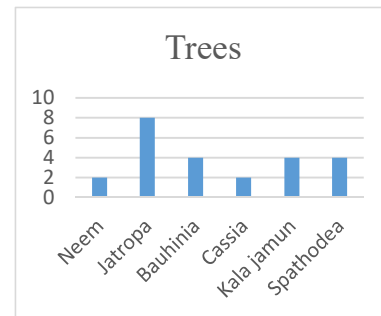
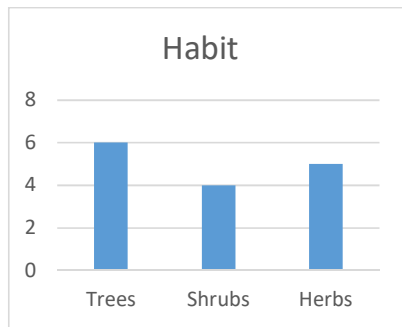
S.No.	Name	No.
1	Neem	2
2	Jatropha	8
3	Bauhinia	4
4	Cassia	2
5	Jamun	4
6	Spathodea	5

LIST OF SHRUBS

S.No.	Name	No.
1	Nerium	4
2	Henna	1
3	Zizipus	2
4	Haemelia	3

## LIST OF HERBS

S.No.	Name	No.
1	Parthenium	20
2	Euphorbia	10
3	Acalypha	15
4	Abutilon	8
5	Grasses	20



## RESULT & CONCLUSIONS –

The result of our survey indicates a mixed vegetation of trees, shrubs and trees.

Out of 15 plant species 6 trees, 4 shrubs and 5 herbs habit was present .

Amongst trees highest number of species were Jatropha and the lowest was Neem and cassia.

Trees showed a maximum biodiversity with different species hence species richness was observed in them.

Shrubs were also showing biodiversity with Nerium dominating and the henna was represented by one plant.

Herbs showed large number showing their dominance over the trees and shrubs.

The highest number of plants were observed belonging to Parthenium and grasses, and the lowest number was observed of Acalypha species.

Hence our college campus of our survey indicated good biodiversity representing 20 trees in numbers with 6 species, 10 shrubs in numbers with 4 species and 73 herbs in numbers with 5 species. The following survey helped us to understand the habit of flora, richness of species richness, specie abundance and species evenness. As the present conditions are resulting in loss of biodiversity there is need of surveying, documenting and conserving the flora in our own areas possible by us to a maximum extent.