



# Govt. Degree College for Women Hussainialam, Hyderabad



## FIELD SURVEY

### TITLE OF THE TOPIC

## STUDY ON FLORA OF COLLEGE CAMPUS

BY

BSc. BZC-II Year

| S.NO | NAME OF THE STUDENT | ROLL NO      |
|------|---------------------|--------------|
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Under Supervision by –

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## I. OBJECTIVES -

- ✓ To survey the flora in the college premises
- ✓ to assess the biodiversity of the vegetation
- ✓ to understand the significance of conservation & health benefits

## II. METHODOLOGY:

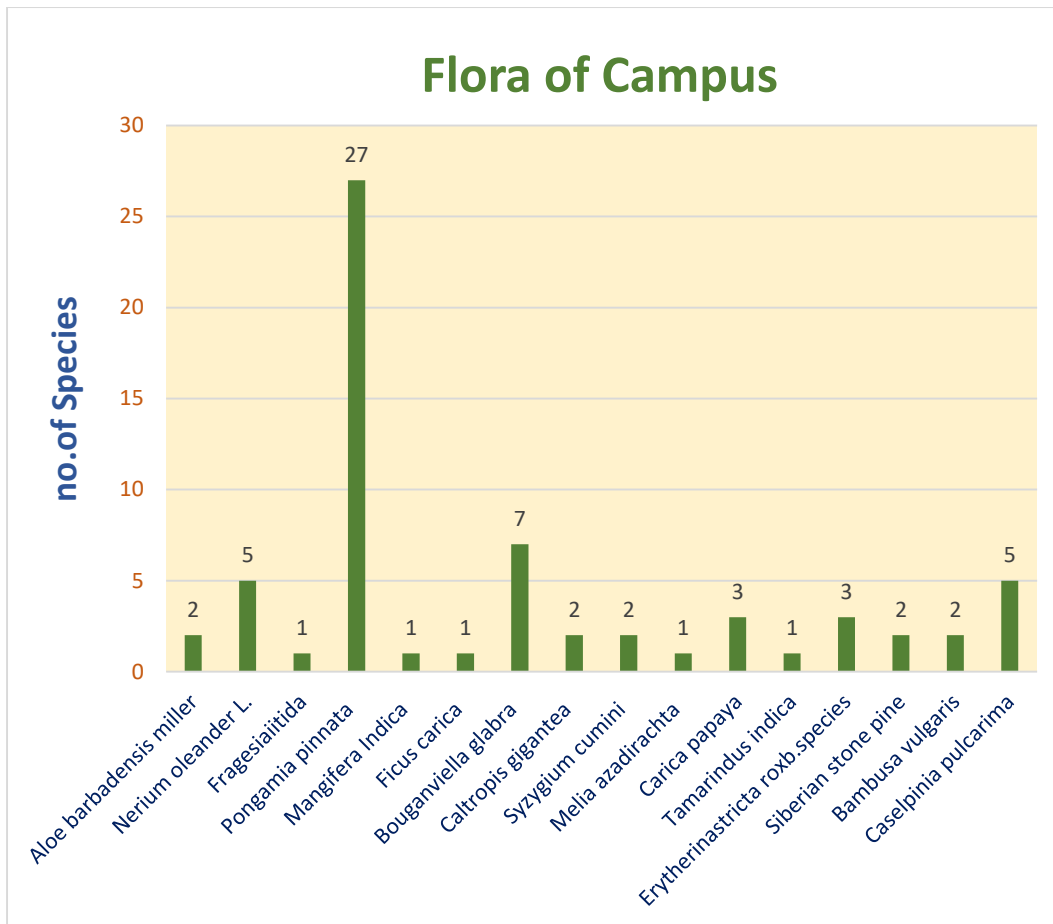
Our students are assigned to conduct field survey of vegetation in college campus.

The students are given the data sheets of flora with their names & number. List of plants are prepared and graphs of the data was compiled as per the survey.

| S. No. | Scientific Name                       | Common Name         | Family                  | No. of Saplings |
|--------|---------------------------------------|---------------------|-------------------------|-----------------|
| 1      | <i>Aloe barbadensis miller</i>        | Kalabanda           | Asparagacea (Liliaceae) | 2               |
| 2      | <i>Nerium oleander L.</i>             | Nerium              | Apocynaceae             | 5               |
| 3      | <i>Fragesiiaitida</i>                 | Bamboo Tree         | Bambusoideace           | 1               |
| 4      | <i>Pongamia pinnata</i>               | Ganuga              | Fabaceae                | 27              |
| 5      | <i>Mangifera Indica</i>               | Mango Tree          | Anacardiaceae           | 1               |
| 6      | <i>Ficus carica</i>                   | Anjeer              | Moraceae                | 1               |
| 7      | <i>Bouganviella glabra</i>            | Paper Flower        | Nictaginaceae           | 7               |
| 8      | <i>Caltropis gigantea</i>             | Milk Weed           | Asclepiadaceae          | 2               |
| 9      | <i>Syzygium cumini</i>                | Black Plam          | Myrtaceae               | 2               |
| 10     | <i>Melia azadirachta</i>              | Neem Tree           | Meliaceae               | 1               |
| 11     | <i>Carica papaya</i>                  | papaya              | Caricaceae              | 3               |
| 12     | <i>Tamarindus indica</i>              | Tamarind            | Fabaceae                | 1               |
| 13     | <i>Erytherinastricta roxb.species</i> | Indiaql coaral tree | Fabaceae                | 3               |
| 14     | <i>Siberian stone pine</i>            |                     | Pinaceae                | 2               |
| 15     | <i>Bambusa vulgaris</i>               | Bamboo              | Poaceae                 | 2               |
| 16     | <i>Caselpinia pulcarima</i>           | Peacock flower      | Caselpinaceae           | 5               |

## III. RESULTS:

- i. The survey indicates that campus is full of trees.
- ii. Most trees are timber yielding, fruit yielding.
- iii. Some are medicinal valuable.
- iv. All the trees are spreading canopy and beauty of the premises.
- v. Major place occupied with *Pongamia pinnata*.



#### IV. CONCLUSIONS :

- i. Students identified and observed maximum trees, which are giving beauty of the campus.
- ii. They started the study of medicinal valuable benefits of Neem & *Pongamia pinnata*.



