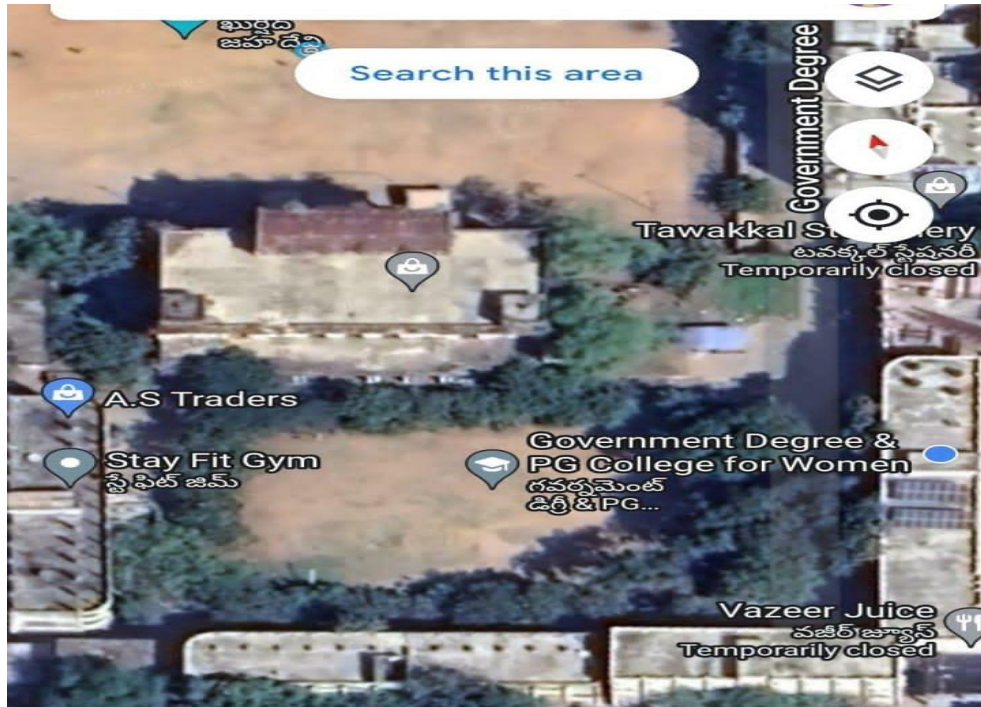


Govt.Degree College for Women ,Hussainialam, Hyderabad

The Government Degree College for Women, Hussaini alam, is co-sited with Government Junior College, Government High School and Primary School in the same 4 Acres and 9 Gunta area. The layouts of these building are located in 4 sides of the rectangular area. And the playground is located in the center of these institutions.



The Plants and Vegetation in these institutions are grown surrounding the playground. The area of the vegetation is nearly 0.25 Acres land.

- Ornamental, vegetable and medicinal, fruit and plants grown in the gardens are used as living illustrations during Lectures and practical classes with students.

1. List the plants in the garden, with approx. number of each species.

S. No.	Scientific Name	Common Name	Family	No.of Saplings
1	<i>Kalanchoe pinnata</i> (Lam.) Pers	cathedral bells	Crassulaceae	1
2	<i>Coleus amboinicus</i> Lour.	vaamu	Lamiaceae (Labiatae)	2
3	<i>Portulaca grandiflora</i>	Moss Rose	Portulacaceae	3
4	<i>Dracaena trifasciata</i>	Snake plant	Asparagaceae	4
5	<i>Aloe barbadensis miller</i>	Kalabanda	Asparagacea (Liliaceae)	2
6	<i>Syngonium podophyllum</i>	arrowhead plant	Asparagacea (Liliaceae)	2
7	<i>Epipremnum aureum</i>	Money Plant	Araceae	6
8	<i>Nerium oleander L.</i>	Nerium	Apocynaceae	5
9	<i>Fragesiitida</i>	Bamboo Tree	Bambusoideace	1
10	<i>Pongamia pinnata</i>	Ganuga	Fabaceae	27
11	<i>Mangifera Indica</i>	Mango Tree	Anacardiaceae	1
12	<i>Ficus carica</i>	Anjeer	Moraceae	1
13	<i>Bouganviella glabra</i>	Paper Flower	Nictaginaceae	7
14	<i>Caltropis gigantea</i>	Milk Weed	Asclepiadaceae	2
15	<i>Syzygium cumini</i>	Black Plam	Myrtaceae	2
16	<i>Melia azadirachta</i>	Neem Tree	Meliaceae	1
17	<i>Tecoma stans</i>	Yellow Bells	Bignoniaceae	2
18	<i>Carica papaya</i>	papaw	Caricaceae	3
19	<i>Tamarindus indica</i>	Tamarind	fabaceae	1

- The department of Botany displayed the QR Codes for plants for identifying the scientific name and common name,A.Y: 2021-2022
 - QR Code-1-7-2022



Dracaena trifasciata



Aloe barbadensis miller



Syngonium podophyllum



Epipremnum aureum



Nerium oleander L.



Kalanchoe pinnata (Lam.) Pers



Coleus amboinicus Lour.



Portulaca grandiflora





Bryophyllum pinnata(Lam.)



- The department of Botany retagging the QR Codes for plants for identifying the scientific name and common name by our beloved Principal- Dr.B.Sunitha Padmavathi .

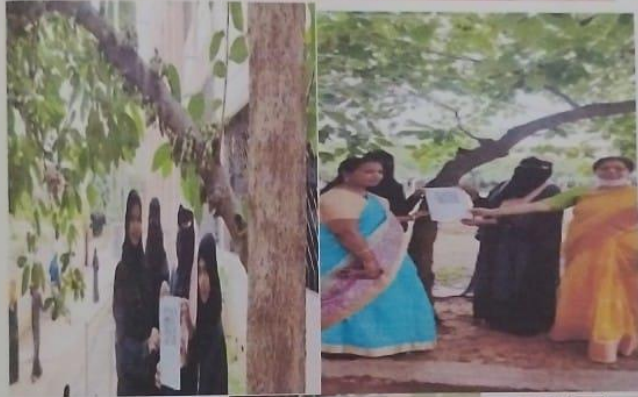




Plant species recorded in the College campus -73

S.No.	Scientific Name	Common Name	Family	No.of Saplings
1	<i>Kalanchoe pinnata</i> (Lam.) Pers	cathedral bells	Crassulaceae	1
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14	<i>Caltropis gigantea</i>	Milk Weed	Asclepiadaceae	2
15	<i>Syzygium cumini</i>	Black Plam	Myrtaceae	2
16	<i>Melia azadirachta</i>	Neem Tree	Meliaceae	1
17	<i>Tecoma stans</i>	Yellow Bells	Bignoniaceae	2
18	<i>Carica papaya</i>	papaw	Caricaceae	3
19	<i>Tamarindus indica</i>	Tamarind	fabaceae	1

❖ 01-07-2021-Tagging of QR Code for plants in college premises

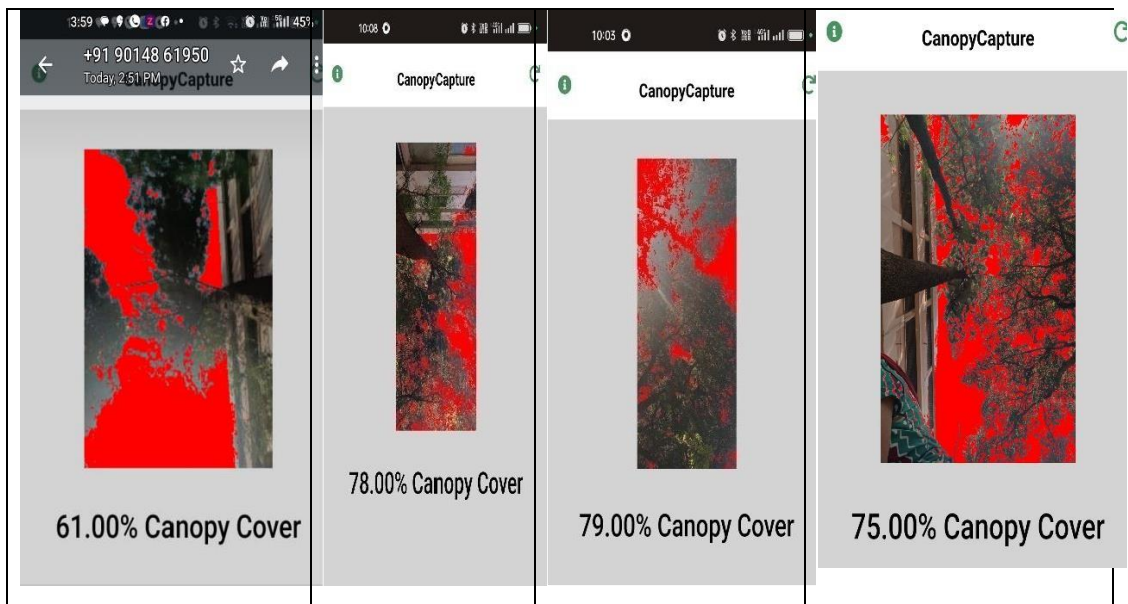


- The medicinal plants grown in the college.

S.No.	Scientific Name	Common Name	Family	No.of Saplings
1	<i>Kalanchoe pinnata</i> (Lam.) Pers	cathedral bells	Crassulaceae	1
2	<i>Coleus amboinicus</i> Lour.	vaamu	Lamiaceae (Labiatae)	2
3	<i>Aloe barbadensis miller</i>	Kalabanda	Asparagacea (Liliaceae)	2
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8	<i>Pongamia pinnata</i>	Ganuga	Fabaceae	27
9	<i>Mangifera Indica</i>	Mango Tree	Anacardiaceae	1
10	<i>Ficus carica</i>	Anjeer	Moraceae	1

11	<i>Bougainvillea glabra</i>	Paper Flower	Nictaginaceae	7
12	<i>Caltropis gigantea</i>	Milk Weed	Asclepiadaceae	2
13	<i>Syzygium cumini</i>	Black Plam	Myrtaceae	2
14	<i>Melia azadirachta</i>	Neem Tree	Meliaceae	1
15	<i>Carica papaya</i>	papaw	Caricaceae	3
16	<i>Tamarindus indica</i>	Tamarind	fabaceae	1

- Average Canopy Percentage is 73.5% -Pictures taken by Canopy Capture App



***Kalanchoe pinnata*(Lam.) Pers**
Scientific name:*Kalanchoe pinnata*(Lam.) Pers
Family Crassulaceae
Common Name: cathedral bells, air plant, life plant, miracle leaf
***Coleus amboinicus*Lour.**
Scientific name:*Coleus amboinicus*Lour.
Family :Lamiaceae (Labiatae)



Portulaca grandiflora
Scientific name: *Portulaca grandiflora*
Family :Portulacaceae
Common Name :Moss Rose



Dracaena trifasciata
Scientific name: *Dracaena trifasciata*
Family :Asparagaceae



Common Name :Snake plant

Aloe barbadensis miller
Scientific name: *Aloe barbadensis miller*.
Family :Asparagaceae(Liliaceae)
Common Name :Kalabanda



Syngonium podophyllum
Scientific name: *Syngonium podophyllum*
Family :Asparagaceae(Liliaceae)
Common Name :arrowhead plant, arrowhead vine, arrowhead philodendron, goosefoot, African evergreen, and American evergreen.



Epipremnum aureum

Scientific name: *Epipremnum aureum*

Family : Araceae

Common Name : Golden Pothos, Money Plant, Devil's Ivy



Nerium oleander L.

Scientific name: *Nerium oleander L.*

Family : Apocynaceae

Common Name : nerium



Bryophyllum pinnata(Lam.)

Scientific

name: *Bryophyllum pinnata(Lam.)*

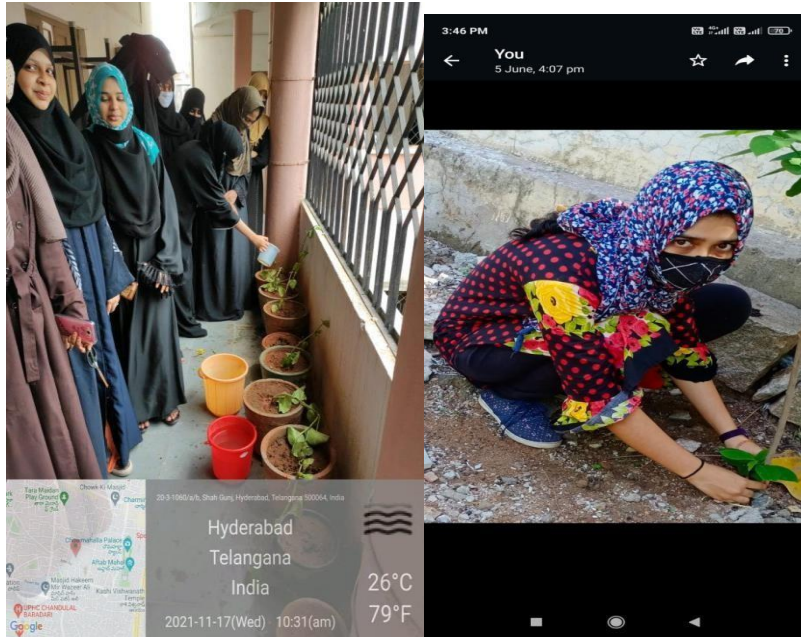
Family : Crassulaceae

Common Name : Ranapaala





■ **17-11 2021-Tree Plantation, organized by Dept.of Botany**



Recycling of Single Use Plastics

- The Department of botany bring awareness programme on recycling of plastic use.
- The recycling process has several stages; collecting bottles from a college campus. The water bottling process releases 2.5 million tons of carbon dioxide into the air annually. Disposable water bottles waste washes into the ocean and kills 1.1 million marine creatures each year.







Water & Food feeding for birds



Self watering