

Govt. Degree College for Women, Hussainialam, Hyderabad

Department of Botany-2020-21

The Department of Botany maintains a botanical garden which consists of Ornamental Plants. June 2021 onwards QR codes were assigned to the plants in the campus as per directives received from O/o the Commissioner of the Collegiate Education, Hyderabad.

The QR (QR stands for quick response) codes are two dimensional barcodes. These QR codes are machine readable optical label that contains information about the tree/plant to which it is attached. The QR codes data about an item generally used for location, identification or track that points to a website or application. The QR code consists of black squares arranged in a square grid on a white background, which can be read by the QR code scanner of the mobile phone and processed using the software until the image of the QR code in the image can be accurately interpreted.

The main objectives of taxonomical information for digitalization using new techniques of QR code are as follows:

1) Vernacular name of the plant b) Botanical name of the plant c) Family of the plant d) category of the plant type such as Herb/Shrub/Tree and e) Number of such plant species present in the college.

2) To visualize the plant information through scanning the QR code

The main benefits of QR code assigning to the plants is that, any student or any interested person wants to know about the information of a plant. He or She is to scan the QR code attached to the plant with his or her mobile phone camera to get the information quickly and on the spot itself without going into library or to meet the subject expert for information search to know about the plant.

Sl No	District	Name of The College	Name of the Plant (Scientific Name)	Common Name	Number
1	Hyderabad	GDC(W) Hussaini Alam	Fragesiaitida	Bamboo Tree	1
2	Hyderabad	GDC(W) Hussaini Alam	Mangifera Indica	Mango Tree	1
3	Hyderabad	GDC(W) Hussaini Alam	Nerium Odorum	Ganeri	2
4	Hyderabad	GDC(W) Hussaini Alam	Ficus Carica	Anjeer	1
5	Hyderabad	GDC(W) Hussaini Alam	Bouganviella glabra	Paper Flower	10
6	Hyderabad	GDC(W) Hussaini Alam	Caltropis Gigantea	Milk Weed	2
7	Hyderabad	GDC(W) Hussaini Alam	Syzygium Cumini	Black Plum	1
8	Hyderabad	GDC(W) Hussaini Alam	Pongamia Pinnata	Ganuga	5
9	Hyderabad	GDC(W) Hussaini Alam	Melia Azadirachta	Neem Tree	1
10	Hyderabad	GDC(W) Hussaini Alam	Tecoma Stans	Yellow Bells	2



Ficus carica



Botany-GDC W Hussainialam ,Hyderabad

Bougainvillea spectabilis



Botany-GDC W Hussainialam ,Hyderabad

Pongamia pinnata



Botany-GDC W Hussainialam ,Hyderabad

Syzygium cumini



Botany-GDC W Hussainialam ,Hyderabad

Calotropis gigantea



t

Botany-GDC W Hussainialam ,Hyderabad

Tecoma stans



Botany-GDC W Hussainialam ,Hyderabad

Melia azadirachta



Botany-GDC W Hussainialam ,Hyderabad