

DEPARTMENTAL BEST PRACTICES

QR CODES GENERATED AND TAGGED TO PLANTS

GENERATE QR CODES TO PLANTS:

Students find it easy to get information about Plants.

While the world seems to be going digital, people lack the time to read books and process the information they contain. Hence, the Botany Department at PB Siddhartha College of Arts and Sciences has decided to exploit the rapidly growing platform for a unique various plants purpose.

Students on the lush green campus were seen using their phones, not to play games or take selfies, but to scan QR codes hung on the trees for its. These codes give students all the information they need to know about the tree — from its scientific name to its medicinal value. They only need to put their smartphones to use. The days of scanning voluminous books seem to be over.

“Students now do not have the time to learn about the things around them via books. To keep up with the digital trend, we collected the database of all the trees in the college and assigned QR codes to them, making it easier for everybody to learn about a plant or a tree at the tip of their fingers,” said

K.Swapna, Head of Department, Botany,



The college has 20 different species of plants on the campus, some of which are not found quite often in the city, said Mr. Reddy, adding that the students and the faculty of the department worked for a month to catalogue the trees and assign them QR codes.



lawsonia inermis (maidaku, hanna



puvvu chettu)



cannanga indica (satyanarayana



Jasmine

Any app generating a QR code, which is available for free on the online stores, can be used to avail the information of the trees. We started this as an experiment but the response has been overwhelming. We see a lot of students, teachers and even visitors extracting information about the trees via the QR codes,” said the Head of the Department.

“With the installation of QR codes, gaining knowledge about the trees has become easier as it helps us save time and effort that is required to scan books at the library for the same purpose,” said N. Yamini, third-year B.Sc. student

Herbal garden

The department has also built a small herbal garden inside the campus. Tulsi, mustard, aloe vera, spearmint and many other medicinal plants are grown in this area. The main attraction of the garden is some ornamental plants and medicinal plants .



Sl. No	Scientific name	Common Name	Habit
1	<i>Moringa olifera</i>	Drumstick	Tree
2	<i>Andrographis paniculata</i>	Kalmegh	Herb
3	<i>Lawsonia inermis</i>	Henna	Shrub
4	<i>Withania somnifera</i>	Ashwagandha	Herb
5	<i>Crotalaria retusa</i>	Rattle weed	Herb
6	<i>Commiphora whitti</i>	Guggulu	Shrub
7	<i>Bryophyllum</i>	Pashana bheda	Herb
8	<i>Aegle marmelos</i>	Stone apple	Tree
9	<i>Vitex negundo</i>	Chinese chaste tree	Tree
10	<i>Centella asiatica</i>	Indian pennywort	Herb
11	<i>Ocimum sanctum</i>	Holy basil	Herb
12	<i>Morus alba</i>	Mulberry	Tree
13	<i>Gymnema sylvestre</i>	Gurmar	Woody vine
14	<i>Aloe vera</i>	Ghrit Kumari	Succulent
15	<i>Argyria nervosa</i>	Elephant Climber	Climber
16	<i>Catharanthus roseus</i>	Periwinkle	Herb
17	<i>Hibiscus rosa sinensis</i>	China rose	Shrub
18	<i>Asparagus</i>	Sparrow grass	Climber
19	<i>Cymbopogon citratus</i>	Lemon grass	Herb
20	<i>Alpinia galanga</i>	Siamese ginger	Herb
21	<i>Tinospora cordifolia</i>	Guduchi	Climber
22	<i>Guilandina bonduc</i>	Grey nicker	Shrub
23	<i>Sauropus androgynus</i>	Multivitamin Plant	Shrub
24	<i>Sarcostemma acidum</i>	Moon creeper	Herb
25	<i>Abrus precatorius</i>	Crabs eye, Rosary pea	Climber
26	<i>Cissus quadrangularis</i>	Veldt grape	Creeper
27	<i>Justicia adhatoda</i>	Malabar nut	Shrub
28	<i>Clitoria ternatea</i>	Butterfly pea	Climber

Herbal Garden

