



BOTANICAL EXCURSION

**ONE DAY STUDY TRIP
OF SEM-V BOTANY
STUDENTS**

**DEPARTMENT OF
BOTANY, PRESIDENT
SCIENCE COLLEGE,
AHMEDABAD**

Excursions are arranged to give exposure to students. Field education is equally important as classroom teaching. It adds vigor in learning processes and relieves monotones of indoor education. Field study is an essential part of botany as plants are best studied in their natural habitat. These tours also help to build good repo amongst students and teachers.

As a part of B.Sc. Curriculum, one day trip was organized by to Riverfront Park by Department of Botany, President Science College, Ahmedabad on 6th August, 2021 for semester V (third year) botany students. The major objective was to familiarize the students with the wild and cultivated flora and ecology of the region. A group of 12 students were accompanied by Dr. Urvi Gupta, Mr. Dhruv Pandya and Ms. Megha Lodha of Botany department.

And the trip started...

On 6th August, 2021 all the students and faculty members have assembled at the gate no. 2 of Sabarmati River Front Park at 8:00 AM. The study of plants begins with the exploration of surrounding open area nearby River Front Park to study plants in their wild habitat.



Exploring wild flora



Learning plant collection and herbarium preparation

At 9 O'clock, the team has entered in the Shahibaug river front park. This 6.2 Hectare Urban Park is located on the opposite bank of the Sabarmati Ashram and is having a long green stretch of 1.5 K.M. It has many attractions like Walking area, Sun Dial, Amphitheatre, Thought Garden, Children Play area, Street area along with great plant diversity, topiary and vertical gardens. We found this place very fruitful in order to study the plant diversity along with concepts of horticulture.



Team is ready to explore the Shahibaug Riverfront Park



Floral diversity of the Riverfront Park



Plant study in the lap of Nature



Horticultural practices in the Park

We have walked through the garden, exploring the plants on the way. Students were made to identify the plants with their scientific name, family, identifying characters along with their importance. Some of the

flowering twigs have been collected for the study of the families in syllabus. Students have observed various topiaries, bonsai, and vertical garden, plants used in the formation of hedges and also to develop other parts of the park.



Exploring plant species

After the thorough visit, one hour lunch break was taken and the whole team had a lunch in open garden along with the enjoyment of nature's beauty.



Lunch time

When lab meets nature...

To study the internal structure of plants, we had also carried dissecting and compound microscopes along with us so that the students can get a different experience of lab work in the lap of nature.



Understanding family characters



Microscopic study in Natural lab

Now in the technical part of the trip, students have been explained all the characters of family with the help of flowering twig by Mr. Dhruv Pandya. They also have been made to take section of plant's ovary and other structures of plant to observe it under microscope. These way students get a unique experience of field and lab at the same moment.

Students collected and studied plants for herbarium preparation under the guidance of Mr. Dhruv Pandya. The trip successfully inculcated in students the practicality of different theoretical concepts of Botany.



Team Botany