

# Butterfly Garden

**(A butterfly conservation hub, knowledge sharing and dissemination centre for students and a new Entrepreneurship venture)**

The butterfly is undoubtedly the most beautiful insect on earth. We all automatically relate these colourful creatures with flowers & gardens. As one of nature's most endearing creatures, there is something magical about butterflies visiting the garden.

Aside from the aesthetic pleasure of watching a variety of butterflies flutter from flower to flower in search of nectar, these beautiful winged insects are an integral part of the ecosystem, playing an essential role in plant pollination.

They are the bioindicators and tells us about the health of our environment. In recent years, butterfly habitat has been significantly reduced due to urbanization and large-scale farming, resulting in dwindling populations.

Homeowners, Institutions and government agencies can help support these beneficial insects by creating a butterfly garden in their yards or on wasteland.

## **What is butterfly garden?**

The concept of butterfly garden is simple; a particular garden is developed in such a way that it not only attract butterflies through nectar plants, but also invite local butterflies to breed and lay their eggs on larval host plants and should feel homely & should be encouraged to make this garden their own habitat.

- Having a butterfly garden at a school or college help students share knowledge since they can observe the metamorphoses that butterflies go through in real life in addition to studying them in books.
- So it is not only a **butterfly conservation hub**, but also a **knowledge sharing and dissemination center for students**.
- In addition to drawing in new students, this garden may inspire and share information with individuals who are unfamiliar with butterflies and their stunning metamorphosis.
- One may transform their home garden into a butterfly garden and use it as an entrepreneurial endeavour after learning about the nectar plants, larval host plant, and other necessary elements.



## Navagraha vatika

### Prayogashala of jyotirvigyan

Navagraha Vatika is the symbolic establishment of Sun, Moon, Mars, Mercury, Jupiter, Venus, Saturn, Rahu and Ketu. This laboratory of astronomy is a special center for sharing planetarium knowledge. Keeping the architecture in mind, these Navagraha trees have been installed in the premises of the College. This garden is a major center of attraction for the college students where the curiosities of the Students are satisfied and they continuously play their main role in cherishing this Navagraha vatika.

According to Sanatan Dharma, the special importance of these planets is that by worshipping their trees, life becomes happy and prosperous. Scientists also accept the influence and presence of these planets. Where the Navagrah Vatika is established according to the classical method, growth and knowledge reside there. From this vatika of planetarium, the knowledge is being continuously disseminated in our college.



### Hydroponic Unit

Department of Botany, Government College for Women Gandhi Nagar Jammu is having a Hydroponic Unit for demonstration and sharing of knowledge for the students. The purpose of this unit is to spread knowledge with students about a lesser known technique of soil less farming which is very important in order to meet the growing need of food resources, and impeding dwelling cultivable land. This technique saves water, space and also provides disease free vegetables.

