

## Key Indicator - 7.2 Best Practices

### 1. Title:- “BOTANICAL GARDEN”

### 2. Objective of the practice:

- a. To facilitate the ex- situ preservation for safeguarding and proliferating species of plants.
- b. To raise a manageable as well as suitable restorative plant garden.
- c. To disperse information on plant protection and conservation to the students
- d. To create awareness among pupils about different medicinal plants.

### 3. The Context:-

Botanical garden is the assortment of living plants planned mainly to outline the protection of plant species.

The main motive of this garden is to facilitate the knowledge about ecological education to the students.

### 4. The practice:-

Through this program teachers give personal attention to a group of 25-30 students and aware them about the numerous medicinal plants. Teacher provide directions to the students about propagation of plants by leaf cutting, stem cutting etc which help them to learn various aspects of botany. Many medicinal plants such as *Tinospora*, *Mentha*, *Ocimum tenuitlorum*, *Murraya koenigi*, *Phyllanthus emblicae*, *Azadirachta indica* etc have been planted in the garden. Students participated in plant growing activity with full enthusiasm. Pupil also prepares manure waste from vegetable and fruit peels and use them to fertile the soil.

### 5. Evidence of success:-

The practice gives positive result as pupils able to comprehend and distinguish the phases of plant. Students also engaged themselves in home gardening. They also extract medicinal active portion of plants to prepare:-

- a) Herbal sprays which helps to combat insects.
- b) Medicinal tea which improves concentration and reduce stress.
- c) Skin care product such as toners, herbal face packs etc.

### 6. Problems encountered and resources required:-

The main problems faced by the students are:-

- There is no accessibility of small water pond which hinders students to check the transparency, pH, temperature, dissolved oxygen content, salinity etc.
- Inadequate space in the botanical garden is another major problem which prevents bulk of students to perform an experiment together.

## Title of the practice: Training workshop on NLIST

### Objective:-

1. To enhance knowledge retention.
2. To impart training in use of electronic resources with an aim to optimise their usage.
3. To access quantitative e-resources including full text and bibliographic databases.

4. To improve quality of services and professionalism.
5. To provide seamless access to information
6. To provide easy and affordable access to e-journals and e- books around the clock from various locations.

**The Context:-**

This one week workshop was intended to educate the participants about the nlist which stands for national library and information services Infrastructure for scholarly contents which is a programme subsumed under e-shodhsindhu consortium as college component from year 2014 being funded by UGC. It displays list of e-resources subscribed under the programme. It enables students to access scholarly information in e-format for students & researchers 24 hours a day,7 days a week and 365 days a year.

**The Practice :-**

Through this training workshop more than 80 students eagerly and excitedly attended the programme where knowledge and technology could be brought under single umbrella.As through this mode of NLIST, the students could now access e-books and e-journals from all around the world which were earlier available in offline versions only. They could now do research work and publish their papers with much ease.

**Evidence of success:-**

This workshop motivated the students and they excitedly learnt various things about how to access e-resources in abundance through this service. They actively participated and interacted with the organisers of the workshop. Students pursuing research could now do research work and publish their papers with much ease. Students can now have access to a large number of scholarly journals from reputed publishers. The authorized users from colleges can access e-resources and download articles required by them directly from the publishers' website once they are duly authenticated as authorized users through servers installed at the INFLIBNET Centre. The Project N-LIST offers access to more than 6,000 + e-journals and 3125000 + e-books to students and researchers.

**Problems Encountered and resources required:**

As the participants were from various streams so they were less skilled in using computers .Few of them lack working knowledge of computer and latest trends in technology. Bandwidth capacity of college could be increased for speedy access to e-resources. More awareness programs need to be conducted for the faculty members for optimum use and usefulness of e-resources.



Principal *S. K. Singh*  
 Kamla Nehru College For Women  
 Phagwara (Kapurthala)