

BEST PRACTICE – I

1. Title of the Practice: “Awareness of Students about Medicinal Plants”

2. Objectives

- To improve botanical knowledge of medicinal plants.
- To increase web searching skill of medicinal plants.
- To increase identification skill of medicinal plants.
- To extend the knowledge about medicinal plants.
- To identify use of such plants in our life.
- To encourage students for to grow such plants at their house balcony or on terrace.

3. The Context

The world is facing a serious crisis of Global warming and Climate change. Global warming can result in many serious alterations to the environment, eventually impacting human health. Extreme heat and poor air quality increase complications in the heart and respiratory system like asthma, renal failure, and pre-term birth, and as temperatures rise, there will be more heat-related illness and deaths in both urban and rural areas.

The medicinal plants have been used in medicine since ancient times and are well known for their abilities to promote wound healing and prevent infection without grave side effects. Medicinal plants provide major source of molecules with medicinal properties due to presence of natural compounds.

There is a need to spread awareness about the impact of global warming on the human health and solution to reduce it. Being a higher educational institute, it is our moral responsibility to motivate students to increase their interest in such subject and to follow it.

4. The Practice

Department of Botany have been developed the botanical garden in our campus from more than twenty years. Varieties of botanical species was grows in that garden, those are practically useful for the study of botanical science students. Last



year, the department decided to inform students about the medicinal plants and their importance in human life. Regarding this, the students identify the medicinal plants that are freely available around their surroundings and were planted in the garden. Some plants like Holy basil (*Tulsi*), Aloe Vera (*Korphan*), *Neem*, *Amla*, *herda*, lemon, hibiscus etc. are planted in the garden.

But in this current year, the institute switched to online mode, so they collect information of medicinal plants by using online and prepare reports of those plants. The prepared report was submitted in the Botanical Department. This activity of our institute is to encourage students to avoid use of plastic materials.

5. Evidence of Success

As our goal is to motivate students to increase their interest in such medicinal plant and its effect on human body. Near about 32 students were searching the information of varieties of medicinal plants and submit their report in college. One of the interesting things is that the students were submitting a report with selfi with the plants that they planted.

6. Problems Encountered and Resources Required

Due to online mode, the institute was closed to physically attend for students. So the limited numbers of students participated in such activity. The varieties of medicinal species are required in the garden for student's knowledge and interest.



PRINCIPAL

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