

## TWO BEST PRACTICES OF THIS INSTITUTION (Metric: 7.2.1.)

### 1. Title of the Practice-I: Weather Station



**Pic: Weather Station**

**2. Objectives of the practice:** A Weather Station is a place where facts about the weather are recorded and studied. In this Mahavidyalaya we have a small weather station. This station has the following instruments:

**I. Thermometer:** for measuring air and sea surface temperature.

**II. Barometer:** for measuring atmospheric pressure.

**III. Hygrometer:** for measuring humidity.

**IV. Anemometer:** for measuring wind speed.

**V. Rain gauge:** for measuring liquid precipitation over a set period of time.

The objective of implementing this weather station in the institution is to help the local farmers by giving them weather updates.

**3. The context:** The college has a motto to help the surrounding locality. As a large number of population of this locality are farmers, the college decided to establish a weather station for providing them regular updates of weather as it can be beneficial for cultivation.

**4. The practice:** There are many people who get benefited from the weather station. This weather station is actually accessible to any person and helps them to handle possible applications related to the weather station. It actually does get increases. Weather station also benefits an amateur meteorologist so that the person can effectively be able to keep an eye on the data. Weather station also enables people to get real-time information. This will help us to get protected from adverse weather.

**5. Evidence of success:** Initially the institution had a target to benefit the neighboring farmers. Implementing this weather station has got success as the farmers regularly visit the institution for getting the information about weather forecast so that they can take measures in advance during adverse weather conditions.

**6. Problems encountered and resources required:** The weather station should be upgraded with more equipments to provide the farmers advance weather data.

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## TWO BEST PRACTICES OF THIS INSTITUTION (Metric: 7.2.1.)

### 1. Title of the Practice-II: Herbal Plantation



**Pic: Herbal Plantation**

- 2. Objectives of the practice:** The objectives of herbal plantation in the college campus is to cultivate and conserve of medicinal plants.
- 3. The context:** Medicinal plants are considered as resources of ingredients that can be used for healing various diseases. In ancient India Ayurveda depended on various type of herbs and medicinal plants. To combat the harmful side effect of synthetic c drugs it is wise to look back to the ancient Ayurveda. In this context the college has taken this initiative of herbal plantation to make the students aware of the benefit of medicinal plants.
- 4. The practice:** Every herbal plant has its own specific use for the production of specific drugs from specific herb. India has often been referred to as the Medical Garden of the World as people of our country have been keeping faith on the power of Ayurveda and have been using herbal plants to combat diseases in natural way from time immemorial. To promote widespread interest in shifting synthetic to natural way of remedy in health issues the IQAC of our college had a plan to make an Herbal Plantation in the college campus. Some trees of medical values were planted in clay tubs and a mini garden was made with those tubs. The gardener of the college looks after the trees.
- 5. Evidence of success:** Teachers sometimes visit the garden with students and make them acquainted with the values and importance of medical plants. People from the locality get benefitted by using these herbal plants when they require. The IQAC has intentions to enlarge the garden in future. Our garden is enriched with the following herbal plants: 1. Kule khara 2. Gandha Vajali 3. Bish Hari 4. Nayan Tara 5. Keshari 6. Sushni Shak 7. Ahar / Airi 8. Pathar Kuchi 9. Bramhi Shak 10. Adaa 11. Rasun 12. Mouri 13. Jeera 14. Talmul 15. Rosemerry 16. Aswagandha (Withania somnifera) 17. Stevia 18. Jaba (China Rose) 19. Alloyverra 20. Elaichi (Cardamom) 21. Pudina (Mint) 22. Curry Leaf 23. Dalchini (Cinnamon) 24. Swet Akanda (crown flower) 25. Labanga (Cloves) 26. Strawberry 27. Meat Mashala 28. Dragon Fruit 29. Rangana 30. Kaju Badam (Pee nut) 31. Kath Badam (Vermicelli almond) 32. Jhau Gaach (Tamarix dioica) 33. Angur (Grapes) 34. Chandan (sandal wood) 35. Mousanda flower 36. Supari (Hybreed).
- 6. Problems encounter and resources required:** The college has taken initiatives to plant extinct plant species. Due to lack of resource the college cannot deploy man power exclusively for this practice.

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