

Best Practice - I

1. Title of the Practice : EFFLUENT TREATMENT PLANT

2. Objectives of the Practice: The Effluent treatment Plant is installed in Botanical Garden of GSS College. The objective is to treat the effluent coming from various science department, especially from Chemistry labs and reuse the treated water for Botanical garden.

3. The Context: The GSS College has various UG Departments and PG departments. The PG chemistry and UG chemistry lab effluent was released without treatment which is harmful to the environment. The botany department came up with the idea of treating the effluent and thereby reuse water and utilise the same for botanical garden plants. The Botany dept helped in installing the ETP plant and the effluent is treated and maintained by the botany department.

4. The Practice

The PG students, UG students and the students of various colleges during inspire programme are given the projects and knowledge of treating the effluent by ETP as a working example to release the water safely as per the norms of pollution control board. Various parameters related to the chemicals present in the effluent are being monitored before and after treatment. The water which is treated is reused to college botanical garden. The students by acquiring the knowledge of ETP have completed many projects related to ETP of Belgaum industries. The botany dept has trained the nonteaching staff who along with botany staff members maintain ETP.

5. Evidence of success:

The live demo of the ETP working is being given regularly to students and visitors in the campus. Whenever there is a seminar and special lecture the participants are brought to show the working of ETP. The treated water is being used in the botanical garden. The well in the botanical garden is replenished and is self sufficient for the garden.

6. Problems encountered and resources required:

Problems encountered are the treatment pits which might be clogged by siltation, falling leaves, etc., as the pits need to be kept open for oxidation. The resources required are chemicals for treatment and a dedicated attender to look after the ETP and its working. The problems are overcome by employing an attender who is trained in ETP maintenance who takes care of the plant regularly.

Best Practice - II

2. Title of the Practice : CLEAN CAMPUS DRIVE

4. Objectives of the Practice: To keep the campus plastic free and clean.

5. The Context: The GSS College has a vast area covering around 28 acres, has several UG and PG departments. The campus is busy with more than 7000 students during the peak time from 9am - 2pm, expecting throwing of covers, papers, plastic sachets, eatable covers etc. Hence a best practice has been conceptualised to clean the entire campus on last Saturday of the month at 4.30pm. A committee was formed under the chairmanship of Shri R. T. Katamble of Chemistry department.

7. The Practice

On the last Saturday at 4.30 pm, all the volunteering staff members, students and attenders are assigned some particular areas making groups to collect and store the thrown material. Attenders help the staff and students to collect and carry and dump at a place from where the city corporation collects it. The leaves and other degradable material is dumped in the wormiculture for vermicomposting. Many a times even management members join this drive.

8. Evidence of success:

The campus is always clean. This best practice has been presented in the NAAC sponsored national seminar held in the college during March 2019.

9. Problems encountered and resources required:

The problems are only during rainy season and vacation. The resources required are gunny bags, hand gloves etc.