

## **Best Practice 1:**

- 1. Title of the Practice :** *Conservation of Natural Resources*
- 2. Objective :** Objective of the practice is to Inculcate a sense of familiarity with surrounding biodiversity and develop environmental consciousness in students.
- 3. The Context :** Context of the practice is Environment and biodiversity protection in campus premises of 16 acre land area of shivalik hills through students' participation.
- 4. Practice :** Polythene and Pollutants picking programs at Dakpathar Barage and Yamuna river banks were organized on 17/12/2021, 02/04/2022, 04/04/2022 and 22/04/2022. Social awareness campaigns, rallies and chaupals for waterbody conservation and water hygiene under Swachhh Bharat Abhiyan and Green Campus Initiative were organized several times throughout the year. A National Seminar on waterbodies conservation was also organized on 13 April 2022. Noise and air pollution is actively harassed in the campus premises. Automobiles are not permitted to run inside the campus. Student parking of vehicles is outside of the Main Gate. Defunct lights are replaced with LED bulbs for economization of energy. Two new solar energy units of 5 kwh each were installed during the year. Approximately 50 plants were implanted in the month of August and April 2022.
- 5. Evidence of Success :** Outcome of the practice is a calm, quiet, clean and meditative campus environment with noise pollution almost nil. Water quality is pollution free and highly hygienic in the campus. Campus possesses a Jungle with a range of diverse kinds of trees and plants which successfully continues to remain the natural habitat of migratory birds. College is moving slowly towards clean energy.
- 6. Problems Encountered :** Low educated Polluting surroundings with water and noise pollution as a daily activity remains a persistant problem in the efficacy of practice adopted.

## **Best Practice 2:**

- 1. Title of the Practice :** *The Medicinal Plants Garden*
- 2. Objective :** Objective of the practice is to provide the students an opportunity of working closely with medicinal plants and thus acquiring skills in identifying their variety and learning their uses in everyday life and also to Popularise the utility of usually available medicinal plants and conserving the associated traditional knowledge for future generations.
- 3. The Context :** Context of the practice is to conserve, explore, disseminate and transfer the heritage knowledge of Himalayan herbal medication and healing.
- 4. Practice :** Eco Club and Botany Department selected the plant species of high medicinal value. Implantation of approximately 25 plants was carried out in the month of April and August. Responsibility of care and nurturing was given to selected students of NCC, NSS, Rovers and Departmental Council of Botany. Monitoring work was performed by Eco Club and Botany Department. As per the established practice, A signage of species names will be fixed in the garden location after few years. Students of yoga, Naturopathy and Sciences work closely with the medicinal plants in their practical works. General students are also made aware of significance of traditional Indian systems of medicines and ADR effects of Allopathic system in different programs organized.
- 5. Evidence of Success :** A variety of precious medicinal plants is now available in the campus premises. Students have learnt skills and knowledge in cultivation and conservation of medicinal plants. Students have achieved a minimum basic level of information about traditional systems of medicines, their relevance and their uses. College campus is diversified and beautified. Students learned to cooperate, work in team and develop social skills with environmental consciousness.
- 6. Problems Encountered :** Creating awareness about value of medicinal plants among general students has been a challenge.