

Best Practice 1

Title: BIO-GAS PLANT

Objectives:

The main goal of this practice is to progressively enhance the use of non-conventional energy resources on college property. Under the capable guidance of professors, a group of college students built a biogas plant to support this. Context: Extended research and use of several approaches such as factor analysis, cluster analysis, stratified random sampling methods, and regression made it easier to build the framework for employing Bio-CNG. Among the difficulties encountered in putting it into practice are: encouraging the disposal of biodegradable and non-biodegradable waste in different dustbins. separating garbage from gardens, canteens, and other sources to produce biodegradable waste that can be the starting point for the production of biogas.

The procedure: As the first step toward becoming a zero emission zone, the college constructed a 0.2 cubic meter biogas plant and erected a one cubic meter biogas plant. The resulting slurry is applied to campus gardens and lawns as organic manure.

Proof of Achievement: Pollution levels are lowered since the biogas produced in a month saves at least one LPG cylinder. It was challenging at first to persuade the students that biogas plants were viable. However, student engagement increased following the initial success. Challenges Faced and Materials Needed: establishing a profitable and sustainable practice. In the foreseeable future, increasing plant yield and consumption on college grounds. In addition to its current use in the staff kitchenette, Bio CNG fuel will also be used for the canteen. This would call for resource management that is both creative and efficient.

Best Practice 2

Title: HEALTH CHECKUP PROGRAMME AND BLOOD DONATION CAMP

Objectives:

Through blood donation drives, this program seeks to enhance community involvement, foster a feeling of social responsibility in students, and improve health and cleanliness among students and staff. Context: Through blood donation camps, this program encourages kids to participate in community service by raising their awareness of the value of leading healthy lives.

The Practice: Every year, the institution holds these kinds of events. Most recently, in February 2017, a two-day free health examination and blood donation camp was held. Over seven hundred people attended, comprising non-teaching staff, instructors, and students. The institution hired a practicing dietician whose services it wanted to supply the students with lab equipment and weight control advice.

The weight management team provided food advice as well as information on the advantages of incorporating regular exercise and yoga into daily routines. The college also hosted a dental checkup camp where students were tested and given advice on how to maintain the best possible oral hygiene. The college has a well-stocked medical room to handle staff and student medical needs on a daily basis.

Difficulties Faced and Resources Needed establishing a hygienic setting for appropriate blood transfusion. Persuading pupils that giving blood does not cause anemia addressing staff and student resistance to routine medical examinations. supplying a steady stream of funding and committed labor to enable the frequent organization of such camps. A reliable system to guarantee that blood gets to those in need when they need it.