

THE PATIDAR GIN SCIENCE COLLEGE, BARDOLI.

"Kalyanji Education Academy"

Sardar Baug, BARDOLI - 394 601. Dist. Surat. (Gujarat).

દી પાટીદાર જીન સાયન્સ કોલેજ, બારડોલી.

“કલ્યાણજી એજ્યુકેશન એકેડેમી”

સરદાર બાગ, બારડોલી - ૩૯૪ ૬૦૧. જી. સુરત. (ગુજરાત).

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No. :

BEST PRACTICES

PRACTICE-1 :

Title : Spiritual and Earthly cleanliness

Goal: Institute believes that

‘Cleanliness from inside and outside, Health resides both sides’

Institutes perform the practice mentioned above for academic excellence. It aims at developing the talent of the students along with the practical skills and intends to make them aware of the need of cleanliness in life, both spiritual and earthly.

Context: when the student comes to the college for higher education, his/her objective is to be a skilled person and he/she wants to achieve certain competence. ‘Cleanliness is next to Godliness’ belief. Keeping these in mind, the institute motivates the students to work with faith in God because a clean heart makes the body work clean.

Practice: the institute is located in South Gujarat well known for cleanliness in life. Being the soul purifier, prayer leads to spiritual cleanliness and hence enforces the clean attitude in everything. The students in the institute start their daily routine with prayer. The practice has been continued since the last 20 years. The cleaning of campus and building is done by the units of NSS (by dividing the two units into six sub-units) every month regularly, as the institute believes ‘charity began at home’.



The students are taught the lesson of cleanliness through:

“યોગ્યું મારું આંગણું, યોગ્યું મારું ઘર”

This prepares them to keep the surrounding clean leading to 'Swachh Bharat'.

The institute extends its practice outside the campus also. Every year, it cleans Bardoli Bus depot. NSS adopts one of the nearby villages for three years. Cleaning of village thrice in a year along with the other activities. Apart from that, the institute joins with the cleanliness programmes organized by RCB.

The practice of the institute is to prepare the students for the recent lead practices learned by them from the social surrounding. The institute believes that the purpose of education is to clean the dirt from society through students. Institute intends to develop the practice of cleanliness from college to society to town and to the bigger level.

Evidence of success: The success of the prayer is proved through discipline, concentration and regularity in studies of the students. As far as the earthly cleanliness is concerned, the other students of the institute have started the use of dustbins placed in the campus showing the awareness regarding cleanliness. Thus, the success of the mentioned practice is self-evident.

Problems: The institute receives the strength of the students from different castes/religions of the area. Therefore, different prayers are to be brought out every day.

The institute requires a big amount of expenditure and a complete support from society and from administrative authorities for the earthly cleanliness on a larger scale.



PRACTICE -2

Title: ANALYSIS OF DRINKING WATER

Goal : Water is the elixir of life. The institute follows the above practice aiming to provide, drinking water up to the standards of W.H.O, and in India by BIS and ICMR.

Institute trains the students with their studies to practice certain practical required to help the people with their needs in life

Context: The students come from different areas of Bardoli, Mahuwa, Valod, Mandvi and across the Tapi district. In these areas, the water that they received is from the underground water, rivers, ponds, falls, dams and wells.

Some of this water and the quality of water, are not suitable for drinking as not being up to the expected standards and may be the cause of water-borne diseases.

Practice: The institute is in Bardoli in south Gujarat region. The water in the surrounding area is not up to the requirement of drinking. To solve this problem and to provide standard drinking water to the community residing in the vicinity, the students have undertaken the tests of water quality. Considering the world and Indian standards, the students and chemistry department analyzed the physico-chemical properties for drinking water.

The parameters tested are as below:

Sr.No	Parameter	Standard value (According to BIS)
1	Colour (Pt-Co)	5
2	Odour
3	pH	6.5-8.5



4	Conductivity(uS/cm)	2500
5	Total Hardness(mg/l)	300-600

For initiation of this project, the drinking water supply of the surrounding area is surveyed. After that various samples are collected at a specific interval of time collectively by the professors and the students of the chemistry department.

After getting the results of analysis, the solutions are provided to the Student of the area from where these samples were collected. The work is done to create awareness in society for pure drinking water.

Thus, the students and the professors work for the benefit of society in the institute along with the teaching-learning process.

Evidence of success: The Students of the respective villages are informed with the complete analysis of the water collected and the precautions are to be taken into consideration. Student provide this information to the Sarpanch of village also and most of them give the assurance to take necessary actions accordingly.



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