

BEST PRACTICES OF COLLEGE

Title of Best Practice 01 :- Participation of Swachh Bharat Mission in District Level.

Preface -

Swachh Bharat Abhiyan was started in a mission mode in Bemetara district. From the point of view of a rural majority area, not much work was done in the area of sanitation. Therefore, the then Collector and District Magistrate Shri Mahadev Kanwre established the district level cleanliness mission, in which our college was involved as an important part. In the college, the number of students from rural environment and associated with agriculture is more, so we have been made a great part of this mission. Along with this, in view of the work done in this context in the past also, it was decided to conduct this mission by the students of this college. Since this mission was to be carried out under the instructions of the District Panchayat, so Sanitation awareness was started in the village mentioned by him. In this, CEO District Panchayat Nodal Officer was made.

The Practice :

SBM outline-

In the past, taking lessons from Sanitization in a nearby village, we formed the College Cleanliness Task Force. In this task force, 40 Sanitization Volunteers were appointed who were selected from different departments. All these were tested and given training under the guidance of District Sanitation Adviser. He was accompanied by a team of three member Assistant Professors, which included Mr. N. R. Nirmal, Mr. M. D. Patel and Mr. M. F. Khan. Mr. Nirmal was the nodal of this team. Under the guidance of District Panchayat, we had to select those villages which were very backward in the scale of cleanliness. Our cleanliness standards were completely different For example, in which village there is more problem of drain blockage, in which village is the grazing place of cattle more dirty? ODF and public toilets were the priority of the local government but we followed the parameters which were the easiest.

Preparation-

In the team that we had prepared, all the people belonged to different villages so that they themselves would take up the responsibility of awareness in their respective villages. These people first conducted a survey in their own village and then placed their report in front of the college committee. After this, these reports were compared with the report of the district panchayat. Then the college committee selected the village and gave its list to the district panchayat officials.

Since this work had to be done at the district level, the list of villages was long. We wanted to take maximum number of students in this work, but it was not possible to reach all the students to the village. After talking to the CEO of the District Panchayat, we got the Sarpanch and Sachiv of the village to join our help. We first paid attention to awareness, it was decided to run awareness campaign in selected villages, in which bike rally, putting up posters, writing slogans

in the walls etc. In this we took the help of the Panchayat Secretary. But we saw that not much work is being done by just spreading awareness, so we decided to send the entire team to a village. For this, village Aandu was selected, who himself joined the CEO, Zilla Panchayat and Shri N R Nirmal from the college.

A team of about 40 students was deployed in this village. This work started getting better results than expected. In this village, we have fixed the pasture and made new one by cleaning the vermicompost already made, cleaned the canal which used to come out from the middle of the village, besides this, the choked drains were opened from the village panchayat's labor. The work of our students was visible and our work was being discussed everywhere. We decided to take this work to more villages, under which in the year 2017 we did this work in 5 villages, in 2018 in 19 villages and in 2019 in 22 villages. In the year 2020, in view of the infection of COVID-19, we could not go much further and limited this work to 2 nearby villages. Further, after the rains in 2021, in this work, we will select such villages in which the flagship scheme "Suraji Gaon" run by the Chhattisgarh government is not there because these villages need more attention.

Our participation in the "Suraji Gaon" scheme-

Suraji Gaon Yojana is a flagship scheme of Chhattisgarh Government. It has four main components – Narva means canal, Garuva means cattle, Ghurva means compost and Bari means vegetable growing place. This scheme is implemented since 2018 and is an extended version of Swachh Bharat Abhiyan in a way that envisages self-reliant village along with cleanliness. Since the Sanitation campaign was already being run by our college, the district administration has entrusted this task to our Sanitation Volunteer. In the village, it is difficult to manage the cattle grazing, drainage channel and waste to be removed from the vegetable market. For the year 2019, our main focus was on the preparation of pasture (Gothan), soil and water management in the place of growing vegetables and cleaning the drain in Suraji Gaon Yojana. Similar works of SBM (Rural) were done in Surji Gaon Abhiyan. It has been remarkable to train mainly rural students to make vermi compost. We instructed these 40 students to train other 5 conscious people in their villages to make and use Vermi compost. The students were also told that by taking some small children, they can also establish Kechuva Bank (Earthworm Bank) in each village. Thus Surji Gaon Abhiyan in the district also continued to be run by the students of our college.

Evidence of Success :-

Due to the tireless efforts of the students, our district was honored by SBM (Rural) all over the country. This award was received by the then Collector Mrs. Shikha Rajput Tiwari. She honored our students for this work by giving them a citation on the day of Independence Day 2019. The district in-charge minister, local MLA and other officials of the administration were present in this honor ceremony. The achievement of this work itself says that the State Project Officer SBM (Rural), Shri S.L. Panda himself came to the college and interacted with the students and respected them.

Title of Best Practice 02 : Planting of sapling

Objective of the Practice: The College located in the east bank of Shivrath River of Bemtara District. Our location is called “Unhaari Area” means a land of pulses. There is no forest or reserved land. This area is famous for the cultivation of pulses and the land here is unsuitable for dense forests. Because of this we planted a tree of 10000 saplings near College building and that's what we've been doing for the last few years. Thus to gain following benefit this practice carried out:

1. In order to increase forest cover area by sensitizing students and beautify our surroundings.
2. The tree around us extremely necessary for improving human condition and improve mental health.
3. Tree produces oxygen and acts as giant filter that cleans the air we breathe.
4. Tree clean the soil and improve soil health by storing harmful pollutant or changing the harmful pollutant into less harmful.
5. Tree filter sewage and farm chemicals and clean water.
6. Tree prevents soil erosion.
7. Tree holding the large amount of water otherwise stream down hills and surge along river into human habitat. Thus they act as barrier for flood, flashflood and landslide.
8. Trees acts as carbon sink; carbon dioxide is utilized by plant to produce its food. Carbon dioxide is global warming suspect and it one of the reasons for global warming.
9. A plant cleans the air by intercepting airborne particles, reducing heat and absorbing such pollutants as carbon monoxide and nitrogen dioxide.
10. Plant removes this air pollution by lowering air temperature-through respiration and by retaining particulates.
11. Tree give shade and cooling thus reduces the need for air-conditioning during the summer and in winter weaken the force of chilling wind.
12. During windy, cold season trees located on the windward side acts as windbreaks. A wind break can lower heating bills by up to 30 %. A reduction in wind can also reduce the drying effect on soil and vegetation behind the wind break.

Many living organism, wild life, depends on trees for their shelter, habitat and foods. Therefore it is essential thing for ecological balances and maintains food chain. The main objective is that the students should be sensitive to environment which is troubling our Indian cities and globe. This practice sensitizes our students to become responsible citizen and it is fundamental duties for everyone to protect our beautiful planet. Otherwise our earth will turn into concrete jungle, desert and wildlife less habitat. This practice benefit the large mass of living beings. The College staff and students planting the sapling in college premises annually during the rainy season. We are not only planting the sapling but taking care of them till they become independent.

The Practice: This practice unique and best life support system for the living organism. This initiative we will spread out to local region by engaging people besides our campus. Toady every

one want clean air, clean water, clean environment, good weather, beautiful surrounding etc but who will do this and how can be achieved? The college think that this practice should be adopted by everyone and do not want to know as polluted country. Therefore college has introduced this practice to sensitize the students and teaching them health is wealth.

Problem Encountered and Resources Required -

The college has big campuses and area is partially brick fenced and rocky uneven terrain so stray animals and miscreants people damaged the plants. In order to fix this problem we have budget constraint but the college will put their efforts consistently in this direction by consulting forest department. For plant Sapling College has been approaching horticulture and forest department time to time.

Evidence of Success :

Today, OxyZone has been created here from this plantation. Plantation of 10000 plants in the west of the college has taken the form of a forest today. Due to this the surrounding environment is also pure and there is no noise pollution. Along with this, we have also been motivated by district collector for creating oxyzone. Planting saplings has become one of the main objectives of our students.

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