

Best Practices

1. Title of the Practice: Green Campus Initiatives 2. The Context that required the initiation of the Practice: The College is located in urban area developing fast towards urban status of Chas/Bokaro city. Many residential and commercial establishments are coming up in this area. The college is established in 5.8 acres campus which had almost rare or no vegetation earlier. Bokaro is an industrial city having many industries. The industries and vehicular traffic are the major sources of pollution of this area. Based on these drawbacks together with our responsibility to save the environment, the college management decided to increase the vegetation cover of the campus for which we started tree plantation in the campus. Tree plantation is done during the rainy season. 3. The Objectives of the Practice: Environmental degradation due to pollution and other human activities are the major causes of global concern. Major objectives of this activity are to save the environment, save earth, and to save life including the life of human beings. Other objectives are to enjoy the aesthetic beauty of the vegetation and to teach students the value of trees for environment protection and conservation. Some other objectives are to highlight ecological and economical values of trees. 4. The Practice: Institutions of higher education are duty bound to provide holistic education and to produce responsible citizens who honour the social, national and global values. First step of the green campus initiative was started with the tree plantation. Different species of trees were planted during the year 2016-17. Most of the planted trees were fruit yielding, timber yielding and medicine yielding. The college has developed rainwater harvesting system also to recharge ground water. Digitalization of documents has been started to save papers which is a step towards saving trees. Printing on both sides of paper is ensured in most of the cases. We have also planned to establish 10 KVA roof top solar power system. 5. Obstacles faced if any and strategy adopted to overcome them: Major obstacle was to save the trees from cattle of nearby villages. Other obstacle was to save trees from the villagers who cut trees for fuel. Sometimes drain pipes of roof-top rain water harvesting system chokes which created problems. Importance of trees for pollution control and environment protection was highlighted among the villagers by NSS volunteers of the college. Villagers were also made aware of alternative sources of fuel for

cooking. These practices helped in saving the trees from cattle and cutting by the villagers. 6. Impact of the Practice: It is a convincing fact that Green campus initiative of the college will take time to show its results. But the plants are now growing fast and are saved from the cattle. Villagers are now educated to know the importance of trees in containing pollution and enriching the environment by producing oxygen. People are now aware of the fact that water is not abundant and we should conserve water for future use. Some other impacts of this initiative are –

- Villagers and students are now aware that tree plantation is necessary for conservation of nature and pollution control
- Students have learnt to appreciate the aesthetic beauty of the nature and natural resources.
- Students knew the importance of protection and propagation of trees and water conservation

7. Resources Required: This activity did not require much resources as saplings were provided by the forest department of the government free of cost. Tree guards were also supplied by the forest department. The college utilized its human resources for watering and protection of trees. Rain water harvesting system did not cost more as old pipes and concrete structures were used which were to be disposed by the college. 8. About the Institution: Name of the Institution: Swami Sahajanand College Chas, Bokaro ,AT-Jodhadih more P.O +P.S- chas, Bokaro, Jharkhand – 827013 Year of Accreditation: 2017, Grade awarded by NAAC: B Contact Person for further details: Prof. Ashutosh Mahatha, Coordinator IQAC E.mail: ashutoshmahatha@gmail.com Website: www.ss college.com

Best Practices 2

1. Title of the Practice: Potential of Traditional Rural Sports of Jharkhand – The Archery
2. The Context that required the initiation of the Practice: Bow and arrow is a traditional rural sport of Jharkhand. It is in the culture of tribal social life. They usually use it for hunting and self protection. Young children from very early life start playing with bow and arrow. Therefore, they are very competent in playing the game. The same bow and arrow is changed to the new terminology of Archery and included in the international games. Keeping in view the competence of tribal students in bow and arrow (Archery), the college decided to hone up their skill for which we emphasized on archery training in the college.
3. The Objectives of the Practice: Major objective of the practice was to provide training to students in Archery for which they were competent from early childhood. Other objective was to produce player of national and international level.
4. The Practice:

Archery training was started in the college in which both boys and girls of tribal and non-tribal community started taking training for archery. Archery was in the blood of tribal students they learnt very fast and started taking part in the college level, district level and state level competitions and won prizes and medals. This encouraged them to take part in University level competitions .