

Best Practice 1

- Title of the Practice:** Survey of College Vegetation and Sticking Name Plate on Trees
- The Context that required the initiation of the Practice:** The college is established in 15 acres campus which had almost rare or no vegetation earlier. Bokaro is an industrial city having many industries. Swami Sahajanand College Chas is located in urban area Bokaro city. The campus is covered with several medicinal and forest plants besides fruit plants, shrubs and grasses. The rich vegetation of the college is a source of aesthetic beauty which attracts students and general people of the nearby locality. The dead leaves and branches of trees are source of fuel for the villagers. The vegetation of the college may be used as a source of knowledge sharing to the students and the people of nearby villages. Therefore, we decided to survey the plants and to put name plates on plants that describe about the medicinal, economic and ecological value of plants.
- The Objectives of the Practice:** Objectives of this activity were to highlight the medicinal, economic and ecological importance of every trees/plant and to teach conservation of plants for pollution control, health issues and economical well being. The major objective of this practice was to save the environment and the earth for sustainable prosperity of human beings and other organisms. Other objectives were to enjoy the aesthetic beauty of the vegetation and to teach students the value of trees for environment protection and conservation.
- 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. As a result of our green campus initiative different species of trees were planted which have taken its shape now. Most of the planted trees were fruit yielding, timber yielding and medicine yielding. The work of survey of vegetation was started by the department of Botany with the help of students and staff. We identified the plants with the help of local people, students and standard books. We collected economical and medicinal importance of trees. The Scientific name and Local / Hindi name of the trees were printed on the name plate. The name plates were put on the trees. By looking on the name plate students become aware of the importance of trees and they also come to know the name of the trees also. Similarly this becomes beneficial for the general people and visitors of the college campus.
- Obstacles faced if any and strategy adopted to overcome them:** Major obstacle was identification of trees and to ascertain its medicinal and economic value. Local people and staff of nearby locality helped to solve this problem with their traditional knowledge transferred from generation to generation. Finally the name of the plants and their value were confirmed with the help of standard books.
- Impact of the Practice:** Students of the college now know the names of trees and its economical and medicinal value. Due to this activity students and general people have started to honour the existence of the plants due to which they now think to protect plants for conservation of nature and natural resources which ultimately leads to sustainable development of the people and the country. 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.
 - This has activated innovative thinking among students in the field of conservation of natural resources and its sustainable use.
- Resources Required:** This activity did not require much resources because this was done by the students, teachers and staff of the Botany department. Local people and local staff of the college helped with their traditional knowledge. Money was required only for name plate and its printing.
- About the Institution:** Name of the Institution: Swami Sahajanand College Chas, Bokaro Address: P.O –Chas, Dist- Bokaro, Jharkhand – 827013 Year of Accreditation: 2017, Grade awarded by NAAC: B Contact Person for further details: Prof. Ram Krishna Mahato, Coordinator IQAC E.mail: ramkrishnmahato@gmail.com Website:

www.ssclegechas.com Our college is situated on the National Highway no. 32 that connects Bokaro to Dhanbad. Sometimes we see accidents on the road which cause severe injury and sometimes it become fatal due to non availability of blood at the time of need. One such incident on the road prompted us to organize blood donation camp in the college regularly. **2. The Objectives of the Practice:** Major objective of the practice was to collect blood and to make it available to the person in need. Other objectives were to – A. To teach students the importance of blood in case of emergency B. To make students realize that blood donation is donating life to someone in need C. To dispel the fear from the mind of students that blood donation has an adverse effect on donor D. To inculcate the moral value to repay the society and the nation E. To teach the effectiveness of group activity F. To experience the sense of self satisfaction in sacrificing something for others G. To teach art of giving **3. The Practice:** We organize blood donation camp in the college at least one time every year but sometimes it has been organized two times in a year. Blood donation camp is organized with the help of an NGO, the Bokaro Blood Donors Association and Red Cross Society of India. We encourage teachers, staff and students for blood donation. Before schedule date of blood donation camp we organize a meeting with teachers, staff and students and convince students that blood donation is a noble cause to save life of someone in distress. It is like giving life to someone in need. We try to clear all doubts and myths related to blood donation due to which large number of students takes part in blood donation. The collected blood is handed over to Red Cross Society of India. Light refreshment and energy giving drinks are provided by the NGO to the donors. The society provides certificates to blood donors and assures priority in providing blood to the registered donors and their family in time of need. **4. Obstacles faced if any and strategy adopted to overcome them:** Most of our students are from rural background therefore, they were hesitant to blood donation due to several myths related to it. To dispel the hesitation we organized meeting with students and convinced them that blood donation is totally safe and does not cause weakness. We also convinced that blood taken is again formed in the body within 48 hours. As all doubts and myths are cleared, large number of students comes forward for blood donation. **5. Impact of the Practice:** Our students have learnt the art of giving and the importance of the group activity. The collected blood must have saved life of several people. Some other impacts of the practice are – • The activity has boosted the moral value of the students. • Students have learnt the art of group activity. • Students have learnt the importance of life and self respect. • Sense of togetherness has inculcated among our students. **6. Resources Required:** It did not require much financial resources as the activity was supported by Bokaro Blood Donors Association and Red Cross Society of India. **7. About the Institution:** Name of the Institution: Swami Sahajanand College Chas, Bokaro Address: P.O – Chas, Bokaro, Jharkhand – 827013 Year of Accreditation: 2017, Grade awarded by NAAC: B Contact Person for further details: Prof. Ram Krishna Mahato, Coordinator IQAC E.mail: ramkrishnamahato@gmail.com Website: www.ssclegechas.com