

7.2.1 - Describe at least two institutional best practices

Blood Group Analysis and Awareness camp for youth in College A blood type is a classification of blood based on the presence and absence of antibodies and inherited antigenic substance. On the surface of red blood cells. Blood group is obtained grouped according to the ABO blood typing system. Major blood groups are A, B, AB and O. It is also done to see if a person has Rh factor on the surface of red blood cells. Good. 1 Main objective of the camp was to raise mass awareness about blood group blood transfusion. 2 Awakening health consciousness and importance of regular health checkups. 3 To improve Nutritional status. (1) Method to tell what type of blood student have. (2) Blood typing is done so that student can safely donate blood or receive a blood transfusion. Context :- The Direct intranasal transfusion of blood from one individual to another has been extensively used in modern medicine. The test is essential if you need a blood transfusion or are blood types are compatible. So its important to know blood group. Receiving Blood that's incompatible with your blood type could trigger a dangerous immune response Use of Blood grouping (1) Transfusion (2) Organ transplants (3) Blood Group and diseases The direct intranasal transfusion of blood from one individual to another has been extensively used in modern medicine. The accurate grouping of blood is very important when it comes to having a blood transfusion. If blood is given to a patient that has a blood type that is incompatible with the blood type of the blood that patient receives, it can cause intravenous clumping in the patients blood which can be fatal. In Blood transfusion. Harmony disease of newborn. Patently dispute. Medico legal issues. Immunology, genetics. Susceptibility to various diseases. Blood Group O- Peptic ulcers. Blood Group A- Gastric ulcers. (1) Universal donor group O neither A or B antigens. (2) Universal recipient. Group AB Patient has no anti A/anti B Present. The Objective. To give information about. (1) Types of blood group systems present on the surfaces of red blood cell (RBCs) (2) Types of ABO blood group systems depending on ABO antigens present on the surfaces of RBCs. (3) Blood types lists. (4) Cross Match. The ABO system and RH systems are both of key importance in determining the compatibility of blood transfusion and tissue graft. Blood type A blood type is a classification of blood based on the presence and absence of antibodies and inherited antigenic substances on the surface of red blood cells. Determination of Blood Group. 1. Method to tell what type of blood you have. 2. Blood typing is done so you can safely donate your blood or receive a blood transfusion. 3. It is also done to see if you have Rh letter. On the surface. 4. Blood is other grouped according to the ABO blood typing system. Major A B AB Blood testing Importance of blood group :- The test is essential if you need a blood transfusion or are planning to donate blood with all blood types use compatible, so its importance to know blood group. Receiving blood that's incompatible with your blood type could trigger a dangerous immune response. The practice college Initiatives Govt Ghanshyam Singh Gupt PG College Balod, Had organized a Blood group check up in association with IQAC youth red act and District hospital Balod. On 28/02/2020 Medical team teaching faculty and office staff were present. This Camp was organized on date Main objective of the camp was to raise mass awareness about health and the importance of regular health check up (1)

To improve the nutritional states. (2) Awakening Health Consciousness is youth. Medical team of District Hospital Comprised of four members Shri Ravikant Tihar, Shri Abhimanyu Karpal, Shri Uttam Kumar Tandon and Shri Rakesh Kumar respectively under the guidance of Incharge Principle, staff was Successfully Organized. Blood analysis was carried out taking all necessary pre-cut clear Environment essential test materials like blood testing kit, slide, spirit, stylized color sterilized reading needle were used. Evidence of Success. Blood group analysis data reveals total 191 students participated in camp out of which females were 127 and male 64 respectively. Out of 191 students showed blood A-01, Bve 2, ABve 16 and Ove 58. Their Maximum students had Bve 41 followed by Ove and A-ve 30 Avel8, ABve8, B-ve and A-ve blood group are rarely. Problems encountered :- Allocating more 1 Funds should be provided for health checkup issues. Resources required. All the resources are kindly provided by district hospital and college for blood analysis . Contact Details, Name of Principle - Dr.J.K. Kalkho. Name of Institution - Govt Ghanshyam Singh Gupt PG College Balod City - Balod Pin Code - 491226 Work Phon - 07749-222076 Website - www.govtcolbalod.in Email - govtcolbalod@rediffmail.com

Best practice(1) Title- Tree Plantation in college campus: Goal : Green campus is a place where environmental friendly practices and education combine to promote sustainable and eco friendly practices in the campus. 1. The Objective of tree plantation drive were to enhance the tree cover on the campus and to sensitize the student towards importance of trees. 2. The purpose of tree plantation is to save the endangered environment and to beautify our life. 3. The lives of men and animals and other animals and insects are inconceivable without the existence of trees in the world. 4. Trees absorb carbon dioxide and give us oxygen without which no living being can live. Trees give us shade, medicine, food, fruits, furniture, fuel. 5. Trees also keep the weather cool and cause rainfall. They also bind soil and thus prevent erosion. 6. With the growing pollution it is important to make environment healthier by planting tree. 7. To spread the message save trees, save lives. 8. To create awareness among the students regarding the importance of ecology and the natural environment. 9. Trees are the foremost source for producing oxygen in the environment, they help to reduce the level of Co2 . As the whole world is facing the problem of global warming and another environmental related issue so as to recover from such a problem. Planting the trees has become inevitable one of the most important aspects today. 10. The idea behind the tree plantation activity was to propagate the message that planting the tree helps to maintain clear eco friendly environment reduces pollution and improves the green ambience. Context: Trees are part and parcel of our life. So it is our duty to plant more trees and take care of them in order to maintain balance between man and nature. To make the country economically developed and to save the globe from green house effect, we should plant trees on a large scale. Vulnerabilities Reduced by these activities. • Extreme heat. • Poor air quality. With the increasing pollution and climate amelioration it is important to make environment healthier by planting trees. The Practice : The day of tree plantation program. Tree plantation program was inaugurated by planting a sapling by of honorable principal with well worshiped in the name of god facility, office members, students, NSS volunteers, members of Janbhagidari Samiti

actively participated in the program and many trees were planted at various places within campus. On this occasion everyone pledged to take responsibility to increase the maximum number of saplings. Faculty motivated all the students to plant trees explaining the importance of nature from trees. Students were then assigned as guardians of one plant each where in they will look after these plants as they grow and make sure that the plants are being watered regularly and cared for. Planting more trees can be a small step towards protecting the environment.

Evidence of Success Major outcomes of Event.

- It maintains bio-diversity.
- Trees help in conservation of water.
- It helps to understand how to plant trees.
- Global warming could not be solved easily if people are not very well practiced in lowering carbon emission.

Participants were highly energetic to make the event a big success. A spirit of teamwork, exchange of ideas and enthusiasm of the participants especially among the students could be seen.

Problems encountered : 1. More funds should be allocated for the purpose.

Resources required : Survey and excavation program before tree plantation. Availability of water, fertility of soil and availability of enough sunlight. Before a day of plantation it was assured that collection of tree plants are already done.

Best practice(2)
Title : Water Conservation