

**Best Practice: I****Title of the practice: HB Check up and Blood Donation Camp****Goal :**

- To motivate students to donate blood
- To spread health awareness among students
- To create a sense of social awareness in students
- To make students aware about the value of blood in saving life

**The context:**

Since our college has students from rural area, many students, especially girls are not much aware about their health. Many of them are anemic and face other related health problems. Therefore, it becomes necessary to check their hemoglobin and guide them to increase it.

Many people lose their life due to unavailability of blood either in accidents or in diseases like hemophilia. There is always a scarcity of blood in proportion to the population. Therefore, it is of utmost importance to create awareness about blood donation since it is the only way to save precious human life. Blood banks cannot save blood for a long time and so there is a need of arranging blood donation camps periodically. Moreover, youth has more potential of donating blood. Therefore, organizing blood donation camp for students is significant.

**The Practice:**

Our college has total student strength about 3000. The NSS Unit of our college organizes an HB check up camp for girl students and blood donation camp every year. The students are initially guided about blood donation, its importance and benefits in their classrooms. They are also made aware about the criteria to be a blood donor and their fear about is alleviated through scientific information.

During the HB check up camp girls get to know about their hemoglobin level and are advised to see the doctor if their HB is lower than the normal range. Similarly, the eligible blood donors donate the blood under medical supervision.

**Evidence of Success:**

With regard to the HB checkup camp, many girl students become aware of their low Hemoglobin level and consult doctors. Because of it their HB level increases and overall health status improves.

Every year during the blood donation camp students donate blood in a large quantity and thus serve humanity at large. They get into the habit of donating blood every year and also motivate others for the same. Donors get a donor card which makes availability of a blood unit easier.



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## **Best Practice: II**

### **Title of the practice: *Use of Solar Energy***

#### **Goal :**

- To use solar energy as a source of non-conventional energy
- To reduce the dependence on electricity provided by the electricity board
- To help maintaining the environmental balance

#### **The context:**

Traditional sources of energy are on the brink of exhaustion. They also are the major cause of pollution and thereby environmental crises. The use of solar energy on the other hand is environmentally clean helping our endangered earth. It is a renewable energy source that is free and in abundance in India. It is the need of the hour that we shift gradually to solar energy and other non-conventional energy sources.

Our college has a big campus of 32 acres and there are total 07 buildings for administrative and academic purposes. Therefore the electricity requirement is quite large and it attracts heavy electricity bills. To reduce the dependence on the traditional source we use electricity generated by solar energy.

#### **The Practice:**

Considering the need of the hour and ample availability of the solar power, our college has installed 15 KW Solar Panel in the Institute campus it has been installed on the roofs of two buildings. These plants are regularly maintained in respect with cleaning, repairs etc. The cleaning aspect is important to generate solar power at optimum level.

#### **Evidence of Success:**

The following are the details of annual consumption and generation of energy after the installation of solar panels. The numbers show that the practice has been successful.



### Solar Net Meter Consumption Details

Month	Import Unit	Export Unit	Generation of Unit
March	884	674	187
	2752	00	2752
April	1330	524	806
	3306	49	3257
May	2092	99	1993
	1147	591	556
June	1674	279	1396
	3615	33	3582
July	1914	144	1770
	2609	104	2505
August	2420	165	2255
	2114	237	1481
September	2291	268	2023
	1647	122	1525
October	2040	142	1898
	2545	285	2260
November	1356	520	836
	2110	691	1419

December	1375	428	947
	1978	00	1978
January	1413	521	391
	1503	00	1503
February	851	249	602
	1379	378	1001
<b>Total</b>			38923

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