

## **Academic Session 2020-21**

### **7.2. Best Practices in r/o Rajiv Gandhi Memorial Govt. College Joginder Nagar, Mandi, Himachal Pradesh**

**Describe at least two institutional Best Practices.**

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#### **BEST PRACTICE I**

##### **1. Title of the Practice: HOLISTIC DEVELOPMENT**

##### **2. Objectives of the Practice**

**The following objectives were drawn for the Holistic Development of students**

- a) To provide meritorious Students in Academics
- b) To provide culturally accomplished and artistic beings through the various creative, cultural and co-curricular activities.
- c) To provide good sportsperson so that they could learn how to work in a team.
- d) To provide the library facility to the old student of institution for the preparation of Competitive Exam for higher education and job exams.

##### **3. The Context**

**The above objectives work in the following contextual features**

- a) To create learning-centric and academic environment
- b) To create creativity among student's through various cultural and co-curricular activities (youth festivals events, CSCA functions etc.).
- c) To create good sportsperson so that they may be driving forces to other students of institution.
- d) To create more and more library facility to the old student of institution so that they could prepare for various competitive exams for higher education and job.

##### **4. The Practice**

**Describe the practice and its uniqueness in the context of India higher education. What were the constraints/limitations, if any, faced.**

- a) According to **Maria Montessori**, "*Education cannot be effective unless it helps a child open up himself to life.*" The college aims at the holistic development of the students to produce engaged, productive, and contributing citizens to

build an equitable, inclusive and plural society as envisaged by the constitution of India. Along with the focus to get good grades in examination, the college helps the students to grow and be ready to face and succeed on the greatest test called life. No two individuals are alike. Each individual has his/her own personality traits, preferences, values, attitudes, strengths and weaknesses. Accordingly, the curriculum endorses each student to find his/her unique place in the world in concordance with the uniqueness they possess. Such development seeks to develop physical, intellectual, cognitive or mental, emotional and social abilities. As degree alone will not suffice to gain employment opportunity, there is a need to understand soft skills. Course in Soft Skills helps the students to deal with anger management, susceptibility, depression, anger and sadness. This healthy social and emotional development makes the students more open to holistic development. Language is an important part of the developmental process. A person, who can speak and convey his message effectively, is more likely to become successful. Due emphasis is, therefore, laid by the faculty on the improvement of language proficiency of students.

- b)** Co-curricular activities are essential part of the curriculum. These activities aim at the development of total personality of the student. These activities can be classified as physical activities, literary activities, social activities, cultural activities, craft activities, civic development activities and patriotic activities which are organized by NCC, NSS, Rovers and Rangers, various societies and clubs. Two NCC Units, one Rovers and Rangers Unit and two NSS Units are active in the college which inculcate leadership, self-discipline, self-confidence, healthy recreation and social interaction. Special seven days camp is organized by the NSS during each academic year. Plantation drives, Cleanliness drives, social awareness programs, blood donation camps, cultural activities and literary activities provide a platform to develop the personality traits like effective communication, critical thinking, sense of values and ethics which ultimately lead to holistic development. Every academic session, the HP University Shimla organizes the Inter College Youth Festival in different activities: Group 1, Group 2 Group 3 and Group 4. The college supports the students in every possible way to help them perform better in these events. The students showcase their skills and talents in playing, acting, singing and music, speaking, debate, declamation, quiz and essay writing. Here, the students learn various valuable things like how to express themselves freely, the spirit of healthy competition, how to organize and present an activity, how to coordinate and co-operate in different situations and above all provide a

motivation for learning. There are obvious benefits which lead to the all rounded development of head, hand and heart.

- c) The college encourages the students to participate in sports and physical activities. Playing a sport helps to increase the blood flow in the body. Increased blood flow to the brain allows students to have an active and alert mind for intellectual pursuits. The students participate in the different intra college and inter college sports events organized by the HP University and win laurels for the college. The students, both male and female, are able to qualify the physical fitness tests of HP Police and Indian Army, which reflect their level of Physical Competence.
- d) The facility of library has been extended to the old students of the college who visit the library for the preparation of competitive exams. The college library has adequate stacks of reference books, journals, reading room, internet facility, and e resources. The old students have been issued separate library cards. This practice not only ensures proper utilization of resources but also motivates the freshers to visit the library.

## 5. Evidence of Success

**Evidence of success such as performance against targets and benchmarks, review/results. What do these results indicate?**

- a) In academics, we could provide two merits in Science stream for the session 2020-21.

| 1. Mr. Abhishek Kumar                                     | 2. Mr. Karam Singh                                        |
|-----------------------------------------------------------|-----------------------------------------------------------|
| B. Sc. (Chemistry, Physics, Maths)                        | B. Sc. (Chemistry, Botany, Zoology)                       |
| 2 <sup>nd</sup> Rank in B.Sc. Himachal Pradesh University | 6 <sup>th</sup> Rank in B.Sc. Himachal Pradesh University |
| Preparing for Physics M.Sc. for JNU/IITs                  | Joined M.Sc. Chemistry, at HPU Shimla n                   |

- b) Due to COVID-19 Pandemic all the Cultural, Co-curricular Activities were withdrawn. However NCC/NSS/RR volunteers performed some awareness activities online and performed some COVID duties in the market along with Police Administration
- c) Due to COVID-19 Pandemic all the Sports Activities were also withdrawn. However many students got selected in Police and Army as soldiers.

- d) All the records of the library facility to the old student of institution for the preparation of Competitive Exam for higher education and job exams are available in the library registers.

## **6. Problems Encountered and Resources Required**

**Please identify the problems encountered and resources required to implement the practice.**

- a) Being the Government Institution, there is always shortage of teachers, which eventually affects the teaching.
- b) Due to COVID-19 pandemic many co-curricular and cultural activities could not be performed.
- c) Due to COVID-19 pandemic all sports activities for the 2020-21 session were discarded.
- d) We have limited space for availing facility to the old student of institution in the library.

## **7. Notes (Optional)**

**Please add any other information that may be relevant for adopting/ implementing the Best Practice in other Institutions (in about 150 words). Any other information regarding Institutional Values and Best Practices which the university would like to include.**

*We would like to include Exchange Faculty Programme with IIT Mandi and any of the Delhi University College (Most probably we are trying to do it with Hans Raj College Delhi North Campus) or Panjab University College (Most probably we are trying to do it with MCM DAV College Chandigarh, because the Female students ratio is more than male students in our college)*

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## **BEST PRACTICE II**

### **1. Title of the Practice: GREEN PRACTICE**

### **2. Objectives of the Practice**

**The following objectives were drawn for the Holistic Development of students**

- To educate and sensitize students about waste management.
- To check and control Pollution.
- To reduce energy related costs
- To preserve local characteristics
- To dispose of solid and liquid waste and chemicals in a responsible manner
- To instill environment friendly energy conservation
- To purchase recyclable and environment friendly products whenever practicable

### **3. The Context**

**These are the contextual features based upon the abovementioned objectives**

- a.* Solar Panels & Solar Lights
- b.* Rain water harvesting Tanks
- c.* Vermi Compost Pitt
- d.* Clean India Campaign by NCC/NSS/RR
- e.* Plantation Drive by NCC/NSS/RR
- f.* Eco Club Formation

*As man came into existence, his first interaction was with nature and its surrounding conditions. So, man and environment have close relationships and there has to be a harmony between them. Environmental issues are such that they affect every living organism. These issues are related to different aspects of life as these issues basically deal with the existence of life and sustainability of resources and the earth itself. Different subjects deal with*

environment in one or the other way. Our religious scriptures also highlight the importance of nature and it has been worshipped like other Gods. We have been using natural resources for a long time and it has been exploited to such an extent that environmental degradation is a major threat today. After industrial revolution the pace of resource exploitation and consumption has increased too much. With the increase in population, man has to increase the food production and there has been greater use of fertilizer and pesticides leading to pollution. Similarly, there has been overuse of all other resources like forests, water, minerals, fossil fuels, fish etc. There is an urgent need to conserve these resources in future. Green Practices help the college to stand out as a role model in environment conservation for the students who are the future of our country.

#### **4. The Practice**

##### **Solar Panels & Solar Lights**

We know that sun is the ultimate source of energy on the earth. India being a tropical country, sun light is available in abundance. Vertical solar radiation is available almost throughout the year and we need to harness and utilize this energy. Understanding the need to tap this resource, the college has set up solar panels and solar lights at key points in the campus. The solar lights illuminate the college at night and also helps in educating students about how electric energy can be saved for the country.

##### **Rain water harvesting Tanks**

Life has been possible on earth due to water. Water that we use comes to us through water cycle. The water vapors get condensed in the atmosphere and precipitation takes place on the earth surface in the form of rain and snow. The rain water on the earth surface is used in different ways. Most of the water flows through the rivers back to the oceans. We are using this precious resource luxuriously. We are over utilizing surface as well as ground water. So, there is an urgent need to manage this resource and use it judiciously. Accordingly, the rain water harvesting tank, which uses surface runoff harvesting, has been set up to store the rain water and utilize it at a later point. This practice teaches our

students how to reduce the consumption of water and how to restore the water table. This water is free from pollutants as well as salts, minerals and other natural and manmade contaminants, and is used for irrigational purpose.

### **Vermi-Compost Pit**

*It has been set to emphasize the use of bio-fertilizers and reduce dependence on urea and chemical fertilizers. Waste materials are collected, decomposed and broken down by worms, insects, bacteria, fungi and a dark fertile soil is formed which is called compost. It is mainly the bio degradable material kitchen waste, leaves and branches, human waste which can be used for this. These materials are put in a pit and mixed with soils, leaves etc. Worms, insects etc are introduced deliberately and water is sprinkled on the top to keep it moist. Thus, rich fertile manure is produced.*

### **Tree Plantation Drive**

*Tree plantation drives are organized on different occasions by the NCC, NSS, Rovers & Rangers, and Eco club. The sole purpose of this drive is to enhance the tree cover in the campus and to sensitize the students towards importance of trees. With the assistance of forest officials, during the NSS Seven Days Special Camp, ornamental, medicinal and fruit saplings are planted around the campus by the Principal, volunteers and the staff. The volunteers also plant saplings in the nearby surroundings.*

### **Clean India Campaign**

*“Swachh Bharat Abhiyan” is a cleanliness campaign run by the Government of India and initiated by the honorable Prime Minister Sh. Narendra Modi. This campaign was launched to achieve clean India target by 2019. The NCC, NSS, Rovers & Rangers, and Eco club also organize cleanliness drive on 02 October, NSS Camps, NSS Day, NCC Day and other occasions. The students actively participate in this program and voluntarily take responsibility of cleaning the area around and in the college campus. The main objective of this initiative is to spread the awareness to maintain cleanliness in our house, locality, area and public places.*

*This cleanliness campaign remains successful as it gives a strong message to the students and society of maintaining cleanliness and how it is need of the hour at the moment.*

### **Eco-Club**

*This club of the college creates awareness of environmental issues such as protection, conservation, preservation, and restoration with an emphasis on educating and empowering students. As a result, the students and parents have a deeper understanding of environmental issues and have the wisdom to make informed and responsible decisions. In addition to the various literary activities, awareness programs and lectures, the Eco club organizes action-based activities like tree plantation and cleanliness drives, grow kitchen gardens, maintain **vermin compost pests and rain harvesting tank**. The large-scale participation of students shows that they are interested in environmental advocacy and awareness.*

*The students are sensitized to minimize the use of plastic bags, not to throw them in the public places as they choke drains and sewers, cause water logging and provide breeding ground for mosquitoes. The college organizes tree plantation programs, awareness programs such as quiz, essay, painting competitions, slogan writing, rallies etc. regarding environmental issues and educates them about recycling and reuse of waste material. The students are also sensitized about traffic rules, use of unnecessary horns, and against the use of crackers and fireworks. Field visits to environmentally important sites are held. Indiscriminate burning of waste, which causes air pollution and respiratory diseases, is discouraged. Students are also motivated to imbibe habits and life style of minimum waste generation and distinguish between dry, wet and bio degradable waste. They learn to identify polluting agencies and forward it to the enforcement agencies. The volunteers learn to beautify the college campus and surroundings with plants and flowers and put campaign boards to spread awareness. The students are imbibed with the ethos of conservation of water and develop skills of observation, experimentation, survey and analysis needed for environmental conservation.*

**We as an Institute follow the principle of 3Rs: Reduce, Reuse and Recycle**

## 5. Evidence of Success:

We have Greenery in our surroundings and student and we perform all those activities based on above Green Practices.

- a. We have *Solar Panels connected with Library.*
- b. We have *Solar Lights in the Campus.*
- c. We have *Rain water harvesting Tank.*
- d. We have *Vermi Compost Pitt.*
- e. We perform "*Clean India Campaign*" by NCC/NSS/RR
- f. We are always motivated for *Plantation Drive by NCC/NSS/RR*
- g. We have also formed **Eco Club** to create awareness among masses for maintaining our environment eco-friendly rely upon those activities which are eco-friendly

## 6. . Problems Encountered and Resources Required

*Being a government institution, there is a lack of funds to carry out such activities. The offices of Rovers and Rangers, Career Guidance Cell, NCC Store room are being housed temporarily. Shortage of the faculty and staff adds further to these problems. Due to shortage of faculties, we could not perform these green practices too frequently. There is a lack of almirahs, department cabins and basic infrastructure.*

## 7. Notes (Optional)

**Please add any other information that may be relevant for adopting/ implementing the Best Practice in other Institutions (in about 150 words).**

**Any other information regarding Institutional Values and Best Practices which the university would like to include.**

*We are trying to join with **Unnat Bharat Abhiyan**, so that we could perform some social awareness programmes at five different villages of different Gram Panchayats. Then, our NCC/NSS/RR and other clubs will contribute in many social awareness programmes.*