

# **BEST PRACTICE-1**

## **Title: Eco-friendly Campus**

### **Objective of the Practice:**

Ecology sustenance is of utmost importance in the light of increasing environment degradation; and the same can be accomplished with the implementation of eco-friendly facilities and practices. The objectives for promoting environment sustainability are:

- To reduce overall carbon and ecological footprints to find innovative ways to reduce pollution to promote the sustainable use of natural resources.
- To maintain a waste-free, pollution free and eco-friendly campus.
- To sensitize students towards the environmental concerns.

### **The Context:**

Taking into consideration the location the vegetation and the landscape of the College campus which has taxonomic diversity of plants, sedges which play a functional role in the restoration of ecosystem. As College has abundant plants and sunlight, it had become important to transform productively green waste and sunlight into sources of sustenance. The College has implemented mechanisms by which wastes can be utilized for the production of compost.

### **The Practice:**

College is steadfastly committed towards creating an eco-friendly and sustainable campus. Instilling the urgency of Environmental conservation which is maintaining a balance between utilization and transformation / disposal of wastes has to be maintained. In this regard the following practices are maintained:

- Events and Campaigns
- Campaigns for discouraging the use of polythene.
- The cleanliness week is celebrated with the theme 'Clean Your College'. The students participate very enthusiastically. They clean the ground, parking area , canteen and botanical garden.

- Several campaigns by Eco Club and NSS are organized for creating awareness among students. Visit to biodiversity parks, wetlands and other places of ecological importance whereby they learn different ways to protect and conserve the environment.
- The College organizes various Plantation drives to maintain the ecological balance and beauty of nature.
- Bird nests are installed in the tree branches to give boost to the bio-diversity.

### **Maintaining a green campus and herbal garden:**

- College has a lush green vehicle free campus. Dedicated area for parking has been allotted; vehicle movement and parking in the main campus is prohibited.
- The College has various varieties of trees in campus which balance the ecosystem of the surrounding area.
- A herbal garden in the premises, with different species of medicinal plants, provides a healthier ambience in the college.

### **Vertical Garden:**

As per the statistics, both Jammu and Srinagar has breached the permissible limits of air pollution. J & K IS THE 19TH biggest contributor of the greenhouse gases in the country. Plastic is the biggest menace owing to lack of belongingness. To counter alarming rates of atmospheric pollution, our faculty from the department of EVS, Dr. Nazia, Coordinator, Cluster University of Jammu tried to evolve her innovative idea of making 'Vertical Garden' Dr. Nazia, who is also the convener of 'Eco Club'. She made use of plastic waste and especially grade 1 plastics which are made up of polyethylene terephthalate (PET) commonly used in beverage bottles, water bottles, medicinal jars and beer bags and is not reusable in any water.

The long vertical garden was created with the help of single use plastic bottles lined up in five rows in a scheme that the mouth of one bottle is facing the tail of another. This facilitates the drip irrigation process because if the water is wasted in order to specify the type of plants used in these bottles, she has used single use plastic straws and disposal plates, cups etc. She has also selected a particular set of plants meant to tackle pollution which includes chlorophytum, syngonium, succulents, creepers etc., which can also survive in extreme weather conditions and are perennial. She was conferred with the prestigious Dr. APJ Abdul Kalam Green Environment Council of GESA for her commendable contribution in the field of Environmentalist Protection and Social Awareness.

## Evidence of Success :

- We have been able to create awareness among the staff and students of our college regarding environmental challenges and the need for sustainability.
- World-wide appreciation for the innovative technique of 'Vertical Garden', in terms of bio-diversity conservation and Eco-system management.

## Problems Encountered and Resources required :

Challenges in motivating people: The Public needs to be educated and motivated towards sustainability. Continuous efforts are made to create a general shift in the mindset of people towards enhancing environmental consciousness.





## **BEST PRACTICE: 2**

### **Title: Community Outreach**

#### **Objective of the Practice:**

Govt. P.G. College for Women, Gandhinagar , Jammu imparts a holistic education with the aim of sharpening the social sensibilities of the students. This practice aims to foster the spirit of social service in our students, so that they learn compassion and empathy towards the needs of the underprivileged sections of the society. The main objective is to create a synergy between a secular outlook and worthy ideals selfless service towards humanity. Education without social commitment is incomplete. Proper channelization of students can bridge the gap between the social inequities in income, education, health and nutrition.

#### **The Practice:**

The college creates a forum for community work through the social commitment and outreach platforms such as NSS, the Eco club, Alumni Association and NCC activities.

- Village Adoption:
- Awareness program against alcoholism and drug abuse under the initiative of Manodarpan.
- Generating Employment through Mushroom Cultivation.
- Awareness for protecting the environment.
- Gender Sensitization.
- Skill based activities
- EDUSAT Hub
- Centrally air conditioned Auditorium catering to social needs.
- A study center for IGNOU

• **Village adoption:** NSS Volunteers have adopted the village Bhatyari and Chak Avtara where they carry out awareness campaigns towards health and hygiene maintenance intermingling with women folk.

• **Generating Employment through Mushroom Cultivation.**

**Mushroom Cultivation:** To provide entrepreneurial skills to students by providing them knowledge of production of mushrooms. This technical process of mushroom is popular because it not only meets the dietary requirements but also adds to the income, especially of growers. Department of Botany established mushroom demonstration center in 2015. Various students have learnt and still learning to rear, cultivate and market them.

- **Skill based Activities:** A number of skill oriented technical sessions / training programs were organized in collaboration with SKAUST, Kashmir to enhance the employability skills of the students.

- **Extension Activities:** Social demands are also met by inculcating social responsibilities. Various extension activities by NSS, NCC, RED CROSS Mela & BLOOD DONATION camps are also organized.

- **EDUSAT Hub:** The College has the Pride of being Hub for EDUSAT (the tele-education project for J&K LAUNCHED BY ISRO). From this HUB the education is imparted to all the SIT'S of JAMMU Province. For this a studio has been established in the college premises which act as virtual classroom for 45 SIT'S for Higher, Technical and School Education Department. During Covid-19 Pandemic, EDUSAT HUB played a pivotal role in providing the quality education with modern technology. E-Learning was made available across the UT and it has really supplemented the students learning process. Diversity of content enriched the digital skills of teachers as well as students.

- **COLLEGE AUDITORIUM:** The Air Conditioned College Auditorium is one of its kind in the state. The auditorium is not only used for student-centered activities such as Seminars, Awareness Lectures, Debate competitions but also used for Community work. The Panchayat elections, Citizen cooperative Bank's elections, Police services events were conducted and supervised under the college faculties' expertise. During COVID-19, Various vaccination drives were conducted in the auditorium.

- **AWARENESS FOR PROTECTING THE ENVIRONMENT:** The Eco Club, plantation drives and saying NO to Plastic had played a seminal role in educating the students

about the pressing needs to conserve the environment through ECO FRIENDLY practices. Multiple approaches in addressing environmental issues like effective organic & E- waste management procedures and locality cleaning drives have become a model for the green initiatives in the areas . This awareness process did not lose its momentum in pandemic times through online webinars.

### **EVIDENCE OF SUCCESS:**

- **Awareness of social & community responsibility:** Various practices adopted by the college have been extremely successful in the intensity in its vision and action. The college has not only been able to sensitize its NSS volunteers but also other students and other faculty members about the need and nature of social work.
- The college faculty and students responsibly engage with people and communities in challenging circumstances of pandemic. Their sincere efforts have fulfilled their role in making information and technology accessible to people .Such initiatives have led to experiential learning thereby adding enthusiasm among student's community. These communities outreach activities have contributed in enriching and expanding the quality of academic work through valuable experiences and incites gained by means of community interaction.

### **PROBLEMS ENCOUNTERED & RESOURCES REQUIRED :**

- The mindset of the inhabitants of the local slums had to be gradually changed by the NSS volunteers & faculty advisors. The volunteers tried to convince them through their sustained efforts.
- Challenges of convincing people about the importance of education through digital mode in pandemic.



**EDUSAT HUB**



**AUDITORIUM**





