

## Best Practices

### 1. Best Practice

“Clean College Green College”

**1. Title of the Practice:** “Clean College Green College”

**2.Goal:**To inculcate importance of cleanliness & eco-friendly habits among the students and faculty, to make campus clean & green and to minimize the environmental pollution in the college campus.

**3. Context:**Cleanliness is an important factor of life. It is essential to learn about cleanliness, hygiene & sanitation. It is vital for healthy body, mind & spirit. Cleanliness must begin from ourselves and it is everybody’s responsibility. The term green indicates eco-friendly or not having detrimental effect on the environment. Clean & healthy environment is one of the desired pre requisites in every educational institute to have better learning experience.

**4. Practice:** To fulfil the goal our college emphasized on adopting clean & green practices.Active participation of students facilitated process of making campus clean &eco-friendly. The strategies used to make college campus clean & eco-friendly are adopting practices such as periodic cleaning drive, tree plantation, energy conservation practices, effective waste management, rainwater harvesting, solar street lamps, observing no vehicle day. Further the college has active Eco club, Botany Club and Nature Club which conducts various activities to increase awareness amongst students. The college has 17 academic departments.Every department is asked to organize activities related to clean college green college in the scheduled week. Some of the important activities performed during the year are as below:

- Plantation &Tree Nursing activity in campus was organized by Botany, NSS and NCC departments in which around 176 students and staff participated.
- Rain water harvesting system was improved by building 25000 ltr underground water storage tank.
- Solar panel units and wind power generation plant are working and generating electricity.
- Environmental awareness days such as World Pollution Day, World Soil Day, Ozone Day were celebrated through various departments and eco club.
- One day training programme on Save Ozone Save Earth Save Environment was organized in collaboration with Hundia Infotech.
- Eco friendly Rakshabandhanwas celebrated by tying rakhi on trees by students with a promise to protect it.

- NSS and NCC volunteers in collaboration with Ichalkaranji Municipal Council organized Eco-friendly Ganesh Idol Immersion to avoid pollution of river Panchaganga.
- Supporting and implementing *Swacha Bharat Abhiyan* - Cleaning college campus
- World Wild Life week celebrated by Zoology department.
- Use of energy efficient devices in laboratories and office.
- Display boards to aware stakeholders to avoid wastage of water & energy.
- Mock drills for switching off electrical equipment when not in use
- Minimum prints with use of both sides of paper
- VermiComposting Unit produces compost which is used for plants around the campus.
- Disposal of solid E-waste through authorized agencies for recycling through write off to minimize the hazards.
- Lecture and wall paper exhibition on Importance of waste management, Zero Waste management.
- Observing no vehicle day to reduce vehicular pollution
- Promotion of eco-friendly campus
- Workshop on hazardous impacts of pesticides and its solutions organized by department of Chemistry under lead college scheme in which 116 students participated and benefitted.

#### **5. Evidence of Success:**

- The active participation of 176 students in green activities.
- Rise in green cover on campus and clean air to breath.
- Water independence in maximum days in the year
- Awareness in students about ecosystem restoration
- Decreased fuel usage for transportation.
- Decrease in pollution due to decreased fuel usage
- Cut in electricity charges.

#### **6. Problems encountered and Resources required:**

- Limited financial resources
- Limits to reach each and every students for participation.

## **Best Practice 2**

### **Introduction of ICT based teaching, learning and evaluation**

**1. Title of the practice: - Introduction of ICT based teaching, learning and evaluation**

**2. Goal:** - To strengthen teaching learning process.

To aware the students regarding ICT based learning

To inculcate the habit among the teachers and students to make use of ICT effectively.

**3. Context:** Information and Communication Technology (ICT) in education is the mode of education that use information and communications technology to support, enhance, and optimize the delivery of information. Worldwide research has shown that ICT can lead to an improved student learning and better teaching methods.

**4. Practice:** The use of ICT in the classroom teaching-learning is very important as it provides opportunities for teachers and students to operate, store, manipulate, and retrieve information, encourage independent and active learning, and self-responsibility for learning such as distance learning, motivate teachers and students.

Kahoot! Is a tool for using technology to administer quizzes, discussions or surveys. It is a game based classroom response system played by the whole class in real time. Multiple-choice questions are projected on the screen. Students answer the questions with their Smartphone, tablet or computer. Kahoots", are multiple-choice quizzes that allow user generation and can be accessed via a web browser

Use of G-Suite Apps for Education for conducting online quiz, filling up forms, creating spreadsheets and power point presentations etc.

Google classroom was used for every class for sharing documents, files, notes between teacher and students. Google classroom was used to create assignments and to assess the students.

Using Google forms, quiz on single unit or topic is created, consisting of short answer, multiple choice, and file upload type questions. Using smart phones, students easily solve the quiz; get the immediate response and thus enhancing interest in subject.

Use of Google meet for delivering lectures, for conducting online exam and viva voce. Use of whiteboard, power point presentation Screen sharing is possible with the help of Google meet.

Use of YouTube videos for better understanding of the subject was suggested and was successfully implemented by several departments. Documentary show based on various important discoveries and life of scientist was organized by several departments to increase the interest of students.

Department of BCA organized a workshop for teachers on 'Blog Writing' and also organized a training programme on 'The Effective Use of Google Classroom' to improve ICT based teaching skills.

### **5. Evidence of Success:**

- The results were improved due to online teaching and online examination conducted by the various departments.
- Student's progression to the higher education was improved.
- Increased understanding of the subject due to the visual effects.

### **6. Problems encountered and Resources required:**

- The students those who do not have smartphones, they were not benefited from ICT based teaching-learning.
- Financial constraints to use smart phones and monthly internet charges.
- Internet connectivity was the issue to the students who resides in remote areas.