


Government of Karnataka

Department of Collegiate Education

**Sir. M.V. Government Science College,
Bommanakatte, Bhadravathi - 577 302**

Office of the Principal;

E-mail: sirmvgsccbdt@gmail.com,

Website: <https://gfgc.kar.nic.in/sirmv-science/>

Two best practices successfully implemented by our institution

I Best Practices:

ENVIRONMENT CONSCIOUSNESS

Objectives of the Practice:

- To motivate students, teachers and supporting staff towards environmental literacy.
- Transformation of the campus into pollution free and environmentally friendly zone.
- Conservation of energy and finding alternative source of energy
- Efficient use of available water.
- Proper waste management.
- To educate on environment degradation.
- Planting and maintaining trees.
- To accept clean production concept.

The Context:

Sir M.V. Govt. Science College always had sustainable initiatives at the core of all activities, despite the relatively small campus covering only 10.5 acres with over 650 students, 24+ faculty at various levels. Our college campus has significant greenery covering all parts of the campus, something that is appreciated by all visitors on campus. It was necessary to look forward to make efficient use of available water and other resources. A clean and healthy environment aids effective learning and provides a conducive learning environment. We decided to educate and make aware students on the issues such as renewable energy sources, waste management and recycling. We decided to work in the areas of power, plant, water and cleanliness. The stakeholders work to develop an eco-friendly, sustainable campus and to disseminate the concept of eco-friendly culture.

The Practice:

The institution has a system for green-auditing of its facilities which is carried out informally by the National Service Scheme. The use of plastic bags is avoided in the campus and the authority is planning to declare the entire campus as "No Plastic Zone". Students and staff are motivated to use jute bags or cotton bags. The students and staff have planted several tree saplings during various tree plantation programmes organized by the institution through the NSS wing and all these plants are taken care of and maintained by the gardeners of the institution. Care is taken to ensure that the college environment has low levels of

carbon emission and low pollution levels so that the campus is healthy for all. The college is declared as 'No Tobacco Zone'.

Faculty and students led initiatives to save significant electricity by conducting awareness programmes on energy conservation and adopts measures to ensure that energy is conserved wherever possible. Every department follows a policy of switching on power only when required and switching off when not in use.

Plantation of trees and green grass in the college quadrangle (Bioscience Block) and in the front end is done from the very beginning. Potted plants dot the corridors of the college with more than 250 different samples.

Tree plantation drives are organized regularly to create clean and green campus. The NSS wings of the college take up planting saplings regularly. The Botany department of the college maintains a large variety of medicinal plants and wide variety of plant species. We offer Planting of tree saplings by chief guests during their visits to the college for various functions.

Our sincere efforts for carbon neutrality include the planting of trees by NSS volunteers with the support of Social Forestry Department of the Government, dependence on public transport by staff and students, segregation of degradable and non degradable waste and disposal in the campus in eco friendly manner and collection and segregation of plastic waste with the help of students and handing over them municipal agency for recycling

Evidences of Success:

The green campus developed by college helps not only to save the environment, but also adds to the beauty of the campus. Besides providing shed to people, the plants are used for scientific studies. College is able to save a lot of money on electricity bills due above initiatives and is evidenced from the past electricity bills. Ban on plastic items, vermi culture and vermi compost has made college campus clean and beautiful. Eco-campus strategies employed resulted in one of the beautiful and clean college in the vicinity. It has resulted in attracting more students. The college generally does not generate any hazardous waste in any manner. However, the college strives to generate minimal waste and tries to reduce the use of plastics whenever possible. Printer Cartridges are generally refilled and not disposed. Wherever refilling is not possible, the cartridge is returned to the manufacturer. Paper waste is sold off to vendors who send it for recycling.

Problems Encountered and Resources Required

Being a Govt. institute, the college has no administrative and financial rights to set up such a system which demands huge financial resources.

The financial resources are always needed to secure success in organizing these programs. The coordination from external agencies is required to put theory in practice. The programme with external agencies should be organized to let people of the area understand the importance of environment cleanliness and up gradation.

Maintaining the motivation level in voluntary work and ensuring the wholehearted involvement of volunteers in all the activities was also a problem which requires careful teacher supervision.

Notes:

Use of paper cups and plates is encouraged and the use of plastic bags and plastic tea cups is banned. Plastic free culture is imbibed. Steel cups in canteen is used more often for regular with proper hygiene. Use of Steel water bottles is also encouraged for the students while

Teachers use steel bottle as awareness. In college functions use of plastic bottle is avoided and instead we use glass cups filled with RO/UV drinking water. It greatly reduces use of unwanted plastic items and reduces the burden. Even in college functions we advise students to use only Areca leaves plate or reusable plates along with paper drinking cups. Here also we assure that only reusable 25 litre Drinking bottle is used.

In case of large quantity of IA Booklets we return it to university after 6 months which saves us the problem of its disposal. To avoid unnecessary burden on printable sheets we use one sided sheets to take printout when the matter is for internal circulation.

Overall the college is committed to reduce the burden of negative impact it makes on environment and put effort to conserve it as well.

II Best Practices:

FEEDBACK SYSTEM

Objectives of the Practice:

To evaluate the existing teaching-learning environment and curriculum and to take appropriate action for the improvement of poor performing areas.

1. The Context:

The IQAC of the college has designed feedback proforma according the State Quality assurance cell covering the different aspects such as college administration, Curriculum, teaching-learning process, library, basic infrastructure etc. pertaining to four different stakeholders:

Feedback form Students
Feedback from employer
Feedback from Alumni
Feedback from Teachers

2. Practice :

In the present era, the teacher-student relations in any educational institute play a crucial role in the development of the students in particular and the institute in general. To determine the capabilities of students, they are being evaluated through the process of well-defined examination systems. At the same time, for determining the capabilities of teachers, a feedback system is required to be kept in place.

Feedback mechanism system ensures a detailed analysis of the performance of the teachers with respect to the various parameters. From the academic year 2016-17 to 2018-19 the feedback system involves collecting the duly filled feedback forms from the students through their mentors and then the data is stored in the excel sheets and analyzed through various tests and a final report is generated with all outcomes in the form of charts, diagrams, and graphs. From the academic year 2019-20 the online feedback system is introduced and all the feedback questions are

designed in Google form and the link was sent it to students whats-up group and collected the feedback.

In order to achieve the desired objectives, the feedback forms from different stakeholders are collected, analyzed in a transparent and unbiased manner. The full feedback report with significant measures to enhance the quality is uploaded on the web portal. It provides a proper feedback to the concerned teachers and hence can help to have good results as the teachers concerned would then work on their weaker points as the same would be reflected from their individual feedback report.

Evidence of Success

About 85% responses from the students, 100% from the teachers and 35% responses from the alumni and 15% responses from Employer are received and analyzed.

Problems Encountered and Resources Required:

The aim of the project is to reduce the time for getting feedback data and provide an in-depth analysis about the performance. The existing manual system for the same takes a lot of time for analyzing the performance and the manual processes are susceptible to errors. Instead of collecting through offline mode, the online feedback mechanism ensures a time saving, eco-friendly and fair feedback to the concerned faculty involved, but due to the poor background of the students, college is unable to go ahead with the online mechanism.

Final Word

In this present world of digital technological communication feedback is essential for everything we do. No one neglect the feedback for the overall development of college. In everything we do need to take for the personal as well as overall development. In this regard our college has initiated steps to create an effective feedback system.



Principal
Sir M.V. Government Science College
Bommanakatte, Bhadravathi-577 302.