

SHIVAJI MAHAVIDYALAYA, UDGIR DIST. LATUR
INTERNAL QUALITY ASSURANCE CELL (IQAC)

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Best Practices

Practice- I

Title: Creating Eco-friendly Environment in the Campus

Context: The current global climate crisis imposes the institution to consider the environment consciousness as its paramount duty to develop its high standards for environmental friendliness and applaud the practices that continue to arrange and work on the cutting edge of environmental issues. The college considers it as its prior responsibility to make society aware of deteriorating environmental parameters and also prodding them to adopt eco-friendly ways through environmental policy advocacy, promoting environmental awareness and local participation in conservation efforts to minimize the threat.

Objectives:

- Transformation of the campus into a pollution-free and environmentally-friendly zone
- To make optimum use of alternative energy sources.
- Inculcate the Green protocol among students and faculties.
- Dissemination of environmental literacy to motivate students, teachers and supporting staff.
- Establishment of an efficient way for waste management and recycling systems.
- Green campaign initiative focusing students regarding awareness of the benefits for adopting green practices

Practice: The following initiatives have been taken in the campus to contribute to the noble cause of environmental consciousness and sustainability:

Plastic Free Campus: This initiative aims to reduce plastic pollution in the college campus with a special focus on the reduction and elimination of plastic bottles, plastic straws, utensils and plastic food packaging. Instead of buying bottled water students are encouraged students to use refillable like stainless steel bottles or glasses instead of plastic bottles.

Roof Top Rain Water Harvesting: The college has a Roof Top Rain Water Harvesting System to collect the runoff rainwater during the rainy season. Our rainwater harvesting system has (12000sq.ft.) rainwater catchment. We have two underground bore wells of 650 and 350 ft in depth with cement concrete ring on the surface having more than lacks of liter of water storing capacity. The rainwater is collected through a network of 500 ft PVC pipelines and filter channels which outlets into these two bore well reservoirs. The water of these two bore wells is used for drinking as well as for toilets and washrooms and watering the tree and plants on the campus.

Use of LED Bulbs: The College has replaced all the traditional bulbs with LED bulbs and tubes in the whole campus to minimize the consumption of electricity and putting a step forward to reduce global warming and this has also helped in reducing the electricity bill.

Solar Plant: The institution has installed ‘Solar Power Generation Plant of 35KV capacity’ on the rooftop of the college. In order to meet the growing demand of energy, reduce energy bill and to protect the environment. It has considerably reduced the need of conventional electricity supply.

Waste Management: The institution has taken the initiative for the management of waste which is generated in campus. Solid waste separation is done by placing different bins at various places. The dry waste which includes paper, cardboard, carry bags, scrap materials are collected from separate bins. They are handed over to the garbage collection vehicle provided by the municipal corporation. The college segregates old computers, batteries and wires and disposes of them at regular intervals. We dispose of the waste chemicals generated by the chemistry department in our extended campus which is located far away from the main campus.

Impact of the practice:

- The use of LED bulbs and tubes reduced the energy consumption of the college.
- The use of solar has reduced the electricity bill.
- Rooftop water harvesting helped to raise the underground water level of both bore wells.
- We overcame the problem of water scarcity in the college campus.
- It helped in reducing soil erosion due to running rainwater.

Problem Encountered: Installation & maintenance of solar power project and rainwater harvesting is a costly affair.

Best Practice- II

Title: Web-OPAC Orientation to Newly Admitted Students

Context:

“As we read so we produce”. The underlying principle of the Web-OPAC Orientation Programme of Shivaji Mahavidyalaya Library is to make the library issue return process use easy and effective for users in all courses and encourage them to use library Web-OPAC for searching books and other information sources and become frequent library-goers and gain knowledge. The college library is fully automated using SOUL 3.0 software. OPAC is made accessible for students and staff through a centrally placed server. Eight computers are connected to the library database with LAN. Two out of them are exclusively used for OPAC search. With the help of OPAC, students can search books by various fields like title, author, class no, accession number, publishers etc. Students can get the status of books such as available, issued, issuing, reserved and so on. SMU Library has Web OPAC also. Students can access Web-OPAC from anywhere with the help of the Internet. They do not need to come to the library for searching and checking the books. One can access Web-OPAC with

the help of the below link <http://117.247.89.152/webopac> The link of OPAC is made available on the college/library website and displayed on college/library notice board also. The library has an android application of Web-OPAC which can be download from Play Store.

Objectives:

- To motivate students to use Web-OPAC.
- To increase the use of library Web-OPAC.
- Increase the use of library resources.
- To help students to use various information resources available at the library.
- To make library transactions user friendly and time-saving

The practice:

At the beginning of the academic year, the library organizes a library orientation programme for newly admitted students and special lecture as well as hands-on training on the use of Web-OPAC. Facultiwise students are called for orientation in the seminar hall and a presentation is given to the students which includes what is library catalogue, what is OPAC and Web-OPAC and the benefits of the same and so on.

Evidence of Success:

The majority of the students in the college are from rural backgrounds. Newly admitted students many times hesitate to use the facilities available at the library and students do not use Web-OPAC also. The result of the orientation is seen as very positive on the use of the Web-OPAC. A total of 5104 students visited the Web-OPAC for browsing the books. Now students can easily browse WEBOPAC without any help. Students are being searched for books from Web-OPAC and demanding new books of various authors and publishers.

Problems Encountered:

- It is very difficult to arrange a faculty-wise single orientation of all students due to different subject-wise class timings.
- In the beginning, after orientation and hands-on training, there was a need for personal assistance in browsing the WEBOPAC.



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