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BEST PRACTICES I

Title of the Practice: Green Practices

Objectives of the Practice:

Going green is a mindset that involves the continual pursuit of knowledge regarding how to live life in an environmentally friendly and responsible way. College Green Campus is a place where environmental-friendly practices and education combine to promote sustainable and eco-friendly practices.

The green campus concept aims at :

- Providing the institution an opportunity to take the lead in redefining its environmental culture, improve human well-being, and balance ecosystems.
- Reducing the negative impacts of campus activities on the environment and health.
- Maintenance of clean and hygienic conditions and reduction in the quantity of solid waste
- Creating awareness through proper Segregation, transportation, processing and disposal of solid waste & e-waste.

The Context

- College has few areas, which are to be addressed to make the campus environmentally sustainable, like Judicious water consumption, water sources, appliances, wastage management, rain fall harvesting ,borewell recharging etc.
- Leakages and overflow water from overhead tanks were identified and immediately rectified.
- Wastage management and disposal pose a challenge at the implementation level.
- To motivate students in large numbers to cultivate the social and environmental attitude is a huge responsibility.
- Optimum use of stationary by students, faculty, and administratitive staff has to be more effective.
- Green initiatives taken up by the college will benefit the campus through reduced resource consumption and waste diversion.



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The Practices

- Solid and E-waste generated in the college is segregated and disposed off with the help of authorized E-waste Disposers. The college is in contact with a local authority for effective disposal of the solid waste.
- Small segregating bins are provided for students to dispose of the waste at designated points in addition to class rooms in the college campus where students assemble commonly.
- In addition to conventional sources of water, the water availability in the campus is augmented by harvesting rainwater from roof-tops; hence all our water needs are met without any external dependents .

Green Practices

- The students and staff are encouraged to use the public transportation system and on average only 5% of the students use motorbikes as a means of conveyance.
- Eco-club has been organizing eco-friendly celebrations of Ganesh Chaturthi, Diwali, to create awareness among the students, staff and the immediate community.
- Trees have been planted and saplings of various species have been distributed to staff and students of the college and the neighborhood.
- To maintain environmental sustainability in the campus we are conducting **green audit annually**. Based on the report we are taking the necessary measures to balance the ecosystem in the campus.

Plastic-free campus

- Awareness programs and seminars were organized to lesson the evils of the use of plastic.
- Separate bins are provided in the college campus for disposal of different waste materials.
- Use of non recycling plastic items is strictly banned in the campus.



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Less Paper office

- Most of the official communication is done through emails; Apps like Whatsapp groups, Websites, other social communication apps and cloud technology aiming for an early complete paperless office in the near future.
- Single side used- paper is reused for internal purposes.

Evidence of success

- There is a visible decrease in the use of paper every year, as most of the communication is through *emails*, *Apps like Whatsapp groups*, *websites*, and other social communication apps and cloud technology.
- The awareness programs and seminars have an impact on students, and staff on judicious use of water, energy and effective management and disposal of waste.
- To adopt alternate energy resources the college has installed solar panels on a hostel building of the campus and is now planning to install more panels on the college building.

Problems encountered

- By regular maintenance of water delivery system unaccounted wastage of water can be avoided by having sensor volves and standard taps.
- The college is conceptualizing the process of long term solutions by the purchase of ceramic/steel/ /biodegradable/ multi-use plastic requirements to reduce and discourage plastic use.
- The task of nurturing and maintaining the saplings can be addressed by making the students to adopt a tree.
- Botanical Garden needs up gradation and expansion outside the campus.





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BEST PRACTICES II

Improving Teaching – Learning Process

Goal

- To ensure the completion of syllabus according to the academic plan of each department.
- To encourage teachers to adapt technological advancements including ICT adoption in class room teaching
- To improve pass percentage and enhance the number of distinctions bagged by the college at the university level examinations

The context

- The syllabus coverage in some cases is being hurried and towards the end of the semester where information are being crammed at once. This sluggish coverage initially and hurried coverage later should be avoided giving enough time to student in comprehending the topics and assimilating the facts.
- The teachers find it difficult to keep pace with the techno savvy student learners. It has become essential for some of the teachers to adopt to the latest pedagogic styles and include ICT in class room teaching.
- The mismatch between the student learner and the teacher in the use and comfort of handling varieties of tools available for teaching learning needs to be bridged.

The practice

- Academic plan along with the calendar of events is uploaded on the website for information to students.
- The teaching learning committee along with the heads of different departments monitor the pace of coverage of the syllabus.
- Informal feedback is obtained from students regarding the content delivery by different teachers. The teaching – learning committee members and the class in charge teachers hold frequent informal meetings and call out the information needed.



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- Frequent assignments, tests and evaluation are conducted to improve performance in the semester end examinations.
- Eight class rooms are made ICT enabled and departments have the necessary tools for handling the class room teaching with the help of ICT.
- Computer programmer guide the teachers in the use of Power Point Presentations, browsing the internet for useful resources, uploading content on the college website, use of google docs for information sharing, etc.

Evidence of Success

- Some of the teachers have adopted modern pedagogic styles and ICT in their classes.
- Some of the notes are uploaded on the college website.
- Appropriately paced and timely completion of syllabus
- Increased attendance in the classes
- Improvement in results.

Problems encountered and Resources required

- Development of animation based power point presentations in teaching, particularly in management oriented subjects, has been hindered due to the want of in – house technical expertise.
- The demand for ICT resources is increasing and paucity of funds has been the biggest impediment which may dampen the spirit of technology adoption by teachers.
- Some of the teaching feterniity particularly retiring professors hesitate to adopt themselves into new method of teaching technology.

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