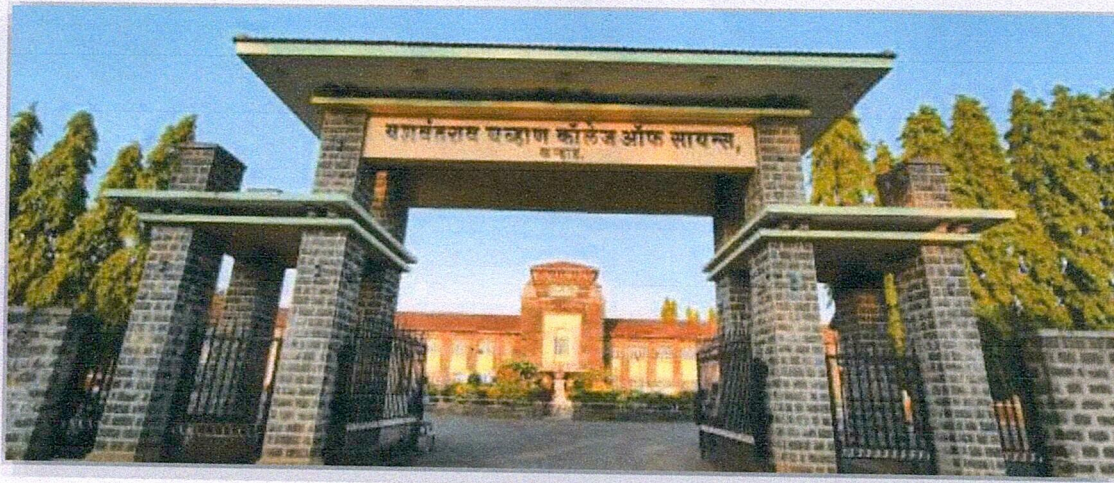
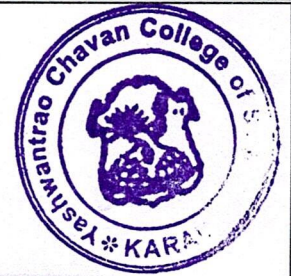


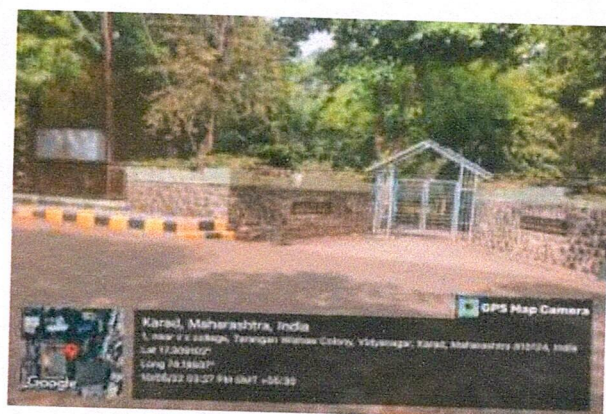
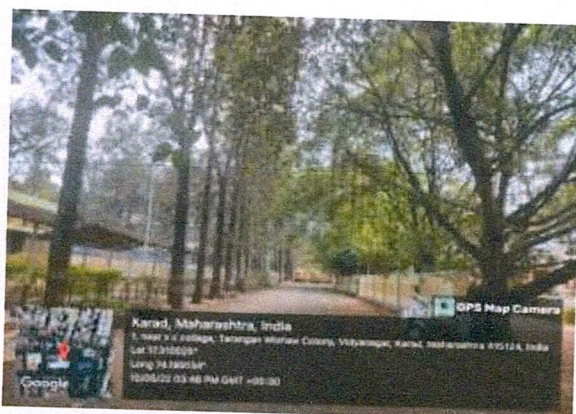
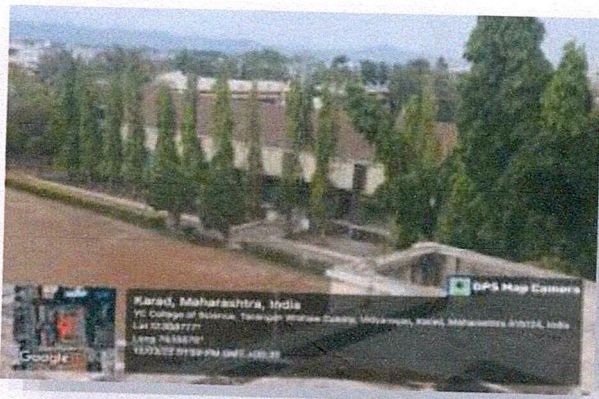
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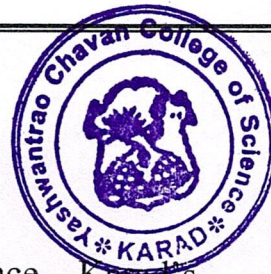


Criterion VII

Institutional Values and Best Practices

Environment and Energy usage Policy





Environment and Energy usage Policy

The goal of the Yashwantrao Chavan College of Science, Karad's Environment and Energy usage policy is to manage energy in a way that minimizes its impact on the environment. The institute check monitor environmentally friendly activities and instruction coexist in order to promote sustainable and eco-friendly conduct both on and beyond campus. A "Green Campus" concept allows the institute to lead the charge in redefining its environmental culture by encouraging environmental ethics among its staff, students and stakeholders. In order to increase awareness of the environment both on and off campus, the institute also organise various activities by encouraging staff and students.

Furthermore, the strategy recommends looking into renewable energy sources to reduce the burden of natural sources and find alternate ways to address the energy crisis. The institution's campus must follow this environmental and energy policy, which also applies to all of its stakeholders and the institute's many activities. We will be able to meet our commitment to safeguarding natural resources and minimizing their usage by incorporating efficiency and environmental awareness into our daily activities.

The following priority areas are used to pursue the institute's environmental and energy usage policy:

1. Clean and Green Campus
2. Green and Plastic free campus
3. Management of degradable and non-degradable waste
4. Water Conservation
5. Alternative sources of energy and energy conservation measures

1. CLEAN AND GREEN CAMPUS

The Institute follows the mantra of clean and green campus. The institutes always try to spread awareness and implement the values of cleanliness and greenery around us. Campus area is properly maintained and clean time to time. We focus on

carbon free surrounding, neat and clean campus. The prime aim of the institute is to protect environment and to make campus a good, fresh place to be. Institute follows the following policy to keep campus green and clean along with Clean and green campus policy:-



Policy Objectives:

- Principal cabin, Offices, Staff Room, Library, Reading room, Lecture halls, Ladies rooms, laboratories, porch and hostels of the campus must be clean on daily basis.
- Pedestrian friendly pathways must be maintained and cleaned by cleaning staff.
- Some area of the campus is prohibited to vehicles and it should be strictly followed.
- Botanical garden is continuously monitored and maintained by Department of Botany and periodically cleaned NCC/NSS candidates.
- Toilets and washrooms must be cleaned and sanitized on daily basis by appointed cleaning staff. In addition to this the area should be properly sanitized.
- Tobacco and smoking is totally prohibited from campus and adjoining area.
- Installed water purifiers must be properly cleaned and maintained.
- Water tanks should be cleaned properly and checked for mosquito eggs.
- Sustainable use of resources should be followed. Damaged benches, tables, chairs and cupboards should be repaired in College Workshop.
- Doors, Windows and other furniture in the college should be maintained by workshop.
- Biodegradable waste should be utilized for vermicomposting.
- To reduce drainage, blockage and odor of Kitchen waste must be controlled by Department of Microbiology.
- Pruning and Cutting of unwanted twigs of plants should be done on time by garden maintenance staff.
- Institute should maintain the campus aesthetic value by proper landscaping with the trees.
- Institute should arrange landscaping related activities for students on regular basis.

- Pedestrian friendly pathways must be cleaned and properly utilized.
- Institute should organize Cleanliness programs, Plantation drives, Social awareness activities, Energy saving campaigns etc. on regular basis.
- Wastage of paper should be avoided.
- Institute should follow the green campus and plastic free campus policy.

2. GREEN AND PLASTIC FREE CAMPUS

The Institute always take initiative to keep campus green and plastic free. Colleges always try to spread awareness of cleanliness and greenery around us. Campus area is properly maintained and clean time to time. The prime aim of the institute is to protect environment and to make campus a good, fresh place to be. Institute follows the following policy to keep campus green and Plastic:-

Policy Objectives:

- Plastic use should be minimal and bringing non-degradable plastic should be avoided.
- Plastic free programs should be organized.
- Installation of Plastic free sign boards at prominent places in the institute should be carried out.
- Plantation activities should be organized on important dates and special events. Students and staff members should take whole and sole responsibility of that plant.
- All the teaching and non-teaching staff along with the students are encouraged to use Electric vehicles along with bicycles and public transport.
- Rules for Vehicle prohibited zones in campus should be strictly obeyed.
- Encourage the stalk holder of the institute for limited use of electrical energy. Switching off the equipment's when not in use should be the whole and sole responsibility of every individual of the institute.
- Use of appropriate bulb power according to room size.
- Use of renewable energy sources instead of non- renewable ones.
- Usage of ACs should be avoided, fans are recommended.
- Five Star energy efficient equipment's are highly recommended.



- Green and Environmental Audit should be done on regular basis.
- Unwanted use of water should be avoided and auto water cutoff motors are installed to save water wastage.
- All staff holders of the Institute must obey the green and clean campus policies.

3. MANAGEMENT OF DEGRADABLE AND NON-DEGRADABLE WASTE

The institute has a separate policy for the proper implementation and efficient management of degradable and non-degradable waste. Our aim is to achieve a completely waste-free campus using scientific methods and proven waste management practices to reduce the pollution load.

Policy Objectives:

- To promote actions to preserve and maintain the environment, such as cleanliness campaigns and appropriate waste disposal.
- To properly collect and handle biological waste
- To properly management of the college's E-waste
- To emphasize the reuse of the waste water
- To properly dispose of hazardous chemicals
- To eliminate plastic from the campus.
- To organize guest lectures as well as awareness programs about waste management and protecting the environment.



4. WATER CONSERVATION

Water is an essential human need and a valuable natural resource. The institute emphasize on collecting rainfall, conserving water, reusing water, providing clean drinking water and proper maintenance of water distribution system.

Policy Objectives:

- To collect rainwater naturally from the rooftops of institute buildings.
- To reduce water waste, use a drip irrigation system.
- To monitor the proper utilization of water allocated in the storage tanks.

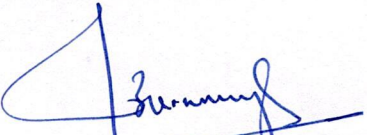
- To promote water conservation awareness programs.
- To minimize water usage by employing suitable methods.
- To establish a system for maintaining water distribution.
- To reduce water waste by employing sensor-based systems.

5. ALTERNATIVE SOURCES OF ENERGY AND ENERGY CONSERVATION MEASURES

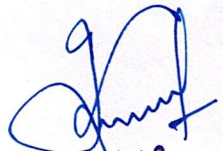
The Institute utilizes renewable energy resources efficiently to reduce environmental impact. The east-west orientation of buildings provides natural sunlight, reducing artificial lighting and improving indoor air quality. The windows and vents enhance airflow. The goal is to achieve a specified percentage of energy consumption from renewable sources. The institute adopted the following objectives in order to attain this goal:

Policy Objectives :

- choosing LED lighting over traditional sources
- utilizing alternative energy sources
- place an energy-saving boards near the switchboard
- minimize the quantity of air conditioners on campus
- operate fans and air conditioners minimally, switching them on only when absolutely necessary
- use solar energy to light the streets on campus
- install sensor-based systems to minimize power usage
- install biogas plant near the mess
- conduction of routine green and energy audit
- install Solar Water Heater system


Co-ordinator,
 Internal Quality Assurance Cell (IQAC),
 Yashwantrao Chavan College
 of Science, Karad




Principal,
 Yashwantrao Chavan College
 of Science, Karad