

Shree Warana Vibhag Shikshan Mandal's

Yashwantrao Chavan Warana Mahavidyalaya

WARANANAGAR - 416 113, DIST. KOLHAPUR (MAHARASHTRA)

Affiliated to Shivaji University, Kolhapur



अनंत आमुची घ्येयासक्ती..!

I/C Principal

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Founder Chairman : Late Shri V. A. Alias Tatyasaheb Kore

Chairman : Dr. Vinay V. Kore
M.L.A.

7.1: Institutional Values and Social Responsibilities

7.1.2: The Institution has facilities and initiatives for

- **Alternate sources of energy and energy conservation measures**
- **Management of the various types of degradable and nondegradable waste**
- **Water conservation**
- **Green campus initiatives**
- **Disabled-friendly, barrier free environment**

Policy document on the green campus/plastic free campus.



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Ref.No.: YCWM : /2022-2023

Date : 03 /07 / 2023

❖ Green Policy : 2021-22

The green Audit committee of our college conducted green audit in 2014 -15 very keenly and its second phase is conducted in 2021-22. By the green audit report, college has already taken some steps to conserve the energy as well as to avoid loss of energy. College students, faculty members and other staff all are committed to undertake this green audit as a means of continually improving in environmental performance of campus and to make it eco-friendly. College recognizes the need to function around the year in a manner to minimize its harmful environmental impact so green policy is decided.

YCWM College Green Policy is based on three pillars:

- Environmental sustainability: The Green Policy must ensure sustainability of the environment.
- Economic viability: Economic viability options should be considered in the implementation of the Green Policy.
- Social acceptance : Social acceptance is a key to the success of the Green Policy and therefore, the social context of the community, faculty and students must be taken into consideration in the Green Policy.

To this end YCWM College will:

1. Reduce energy consumption, especially of electrical and fuel energy in college campus.

YCWM College therefore commits to:

- No of electrical Appliances are replaced by most energy efficient and environmentally sound appliances, which includes using energy-saving light (CFL, LED) bulbs and LED tubes with reflectors.
- Ventilation and natural light survey of infrastructure was conducted accordingly some renovation of infrastructure was applied. Maximize the use of windows for air and natural light.





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- Encourage staff, students and conference guests to save energy through visible reminders, incentives and information to increase awareness. This particularly concerns switching off electrical appliances when not in use.
- Conduct switch off drills at regular intervals and fix its responsibility on teaching / non teaching staff.
- Ensure that all electronic and electrical equipment's, such as computers, are switched off when not in use, and are generally configured in power saving mode when such option is available.
- Provide energy efficient heating systems, with adjustable controls for individual heating appliances wherever possible, and ensure that comprehensible instructions are available to staff and students on the use of heating controls
- Each block of institute has individual power control panels and energy meters installations, which help in separate and effective monitoring and control of energy consumption.
- Arrange 'No Vehicle Days' periodically/frequently (monthly if possible).
- Encourage to the students and staff of the college for walk and use vehicle with sharing to minimize fuel energy consumption.
- To Maximize use of renewable energy plan to install solar energy panel for 100 computers in lab.

2. Maximize the proportion of waste that is recycled & minimize the quantity of non recyclable refuse.

YCWM College therefore commits to:

- Reduce the absolute amount of waste that it produces from office, departments and common facility centers like college canteen, staff quarters.
- Take steps to plant big vermin composting near canteen.





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- Compost all biodegradable wastes from gardens, lawns in campus, not to burn it on site.
- Donate absolute old computers to schools or the needy.
- Recycle or safely and scientifically dispose E-wastes like damaged circuits, ICs, switches, electrical components, parts of computers and electrical appliances regularly.
- Place sufficient big waste bins where essential and monitor them periodically.
- Categories solid waste in to wet, dry, glass and constructional at source.
- Not to burn classroom waste on site.
- Always purchase recycled resources where these are both suitable and available.
- Make specific arrangements for events, such as cultural Events, internal and external seminars and conferences, where significant recyclable waste is likely to be produced, in order to both minimize the waste produced and maximize what is recycled / reused.
- Promote reuse of items and waste recycling among staff, students and conference guests through training, competitions, posters, Environmental incentives and awards.
- Dispose all waste, whether solid or otherwise, in a scientific manner and ensure that it is not released directly to the environment
- Reduce the practice of burning plastic and other waste material which emits harmful gas on burning. Burning shall be prevented in the campus.
- Declare YCWM college campus as plastic free and noise free.

3. Minimize consumption of water.

YCWM College therefore commits to:

- Build an underground big water tank for roof water harvesting near old building, use it for drinking and as distilled water for practical purpose.
- Build cement water tank near library for roof water harvesting of new as well as library building.





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- Encourage decrease in water usage among teaching/ nonteaching staff, students, visitors, parents and conference guests.
- Monitor the overflows of water tank by shouldering responsibility on peons/ nonteaching staff in the concerned department.
- Install appliances which reduce water consumption.
- Minimize wastage of water and reduce electricity for water fetching. Ensure that the equipment used for water drinking usage, are regularly serviced, and the water wastage of such equipment should be used for watering purpose of garden.
- Maximize use of drip and sprinkler for watering the gardens, lawns, trees and flower plants, for the recycled water Nature Based Wastewater treatment Plant of college.
- Encourage staffs to arrange lectures in gardens, lawns in campus rather than classroom when possible to increase their love and affection toward the environment.
- Note that water conservation is also related to water treatment infrastructure and attendant costs and can include capturing rainwater and grey water for irrigation purposes.

4. Minimize the use of chemical pollutants both in college by students and staff

YCWM College therefore commits to:

- Ensure dilution of some chemical and hazardous waste at since laboratory (about 100 times) before draining it. Collect laboratory waste in air tight cement chamber, send it periodically for recycle/reuse or destroy properly.
- Ensure that all chemicals used by college, staff have a minimal detrimental impact on the environment, i.e. should be biodegradable and non-toxic, even where this exceeds make its dilution proper before drain.
- Dispose the chemical waste generated from the laboratories in a scientific manner.

5. To motivate students and faculties for good air quality in the campus.

YCWM College therefore commits to:

- Plant the rare and eco-friendly plants, through we have green campus.
- Encourage the faculties and students to plant trees in the garden.





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- Review periodically the list of trees planted in the garden from time to time.
- Arrange 'No Vehicle Days' periodically/frequently (monthly if possible).
- Organize free checking PUC camp in campus by pollution department of Govt.
- Monitor the air quality and noise level in campus regularly and display it for awareness.
- Arrange programme to teach Yoga and Pranayama techniques to the students and staff of the college, encourage them to walk.

6. To create environmental awareness

YCWM College therefore commits to:

- Conduct environmental awareness workshops as a part of the program.
- Conduct events such as nature games to spread environmental awareness among the students.
- Create awareness of environmental sustainability and take actions to ensure environmental sustainability.
- Promote environmental awareness as a part of course work in various curricular areas, independent research projects, and community service

7. Ensure that the Green Policy is enacted, enforced and reviewed.

YCWM College therefore commits to:

- Establish a College Eco Club that will hold responsibility for the enactment, enforcement and review of the Green Policy. The Eco Club would be the source of advice and guidance to staff and students on how to implement this Policy.





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- Ensure that the Eco Club will review the Green Policy on an annual basis, and will monitor progress and set measurable targets wherever possible.
- Require that every staff and student member recognizes the responsibility to ensure that the commitments in the Green Policy are properly put into practice.
- To Ensure that a Green audit is conducted annually and action is taken on the basis of the recommendation of audit report.

Mr. Vilas Shamrao Patil.

Assistant professor,
Department of Physics,
Coordinator Green Audit Committee



Dr. A. M. Shaikh

Principal,
Y. C. Warana Mahavidyalaya,
Warananagar.