



Shri Sadashivrao Patil Shikshan Sanstha's
**SMT. KISHORITAI BHOYAR ADHYAPAK
MAHAVIDYALAYA, KAMPTEE (B.Ed.)**

Affiliated to RTMNU, Nagpur and Approved by NCTE. NCTE CODE: 12378
Behind Railway station, Dist. Nagpur-441002. Ph. 07109-288850, E mail: kamkamptee@gmail.com,
Website: www.skbedcollege.in

The Green Campus, Energy and Environment Policy



To instil environmental awareness in society and get people actively involved in efforts to defend the Earth from malicious human intrusions for a sustainable, pollution-free, and healthy lifestyle

Objective

- To raise awareness among the faculty and students about the need to utilize environmentally friendly goods and services more frequently.
- To emphasize the value of cleanliness in maintaining a healthy lifestyle
- To raise public awareness of environmental issues through the organization of events, rallies, clean-up drives, seminars, workshops, presentations, tree planting drives, wildlife photography competitions, rangoli competitions, essay competitions, bird watching programs, excursions, study tours, guest lectures, and talks, among other activities.
- To raise awareness among students and faculty about speaking out against harmful habits that harm the environment and to encourage such actions throughout society.

Efforts Made to Put the Clean and Green Campus Policy into Practice

The Institution is committed to managing its campus in accordance with its Clean and Green Campus Policy by establishing the following infrastructure and carrying out the following activities:

- Landscaping with Trees and Plants
- Ban on Single-Use Plastic
- Proposed 20 KW Solar power plant in the campus
- Use of LED Bulbs/Tubes and Power Efficient equipment
- Solar Water Heater in the Girls' Hostel



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- Solid Waste Management
- Laboratory liquid waste management system through percolation system
- Water Management
- E-waste Management
- Display Boards to Promote Environmental Sensibility on College Campus
- Observance of Days to protect and Nurture Environment

Landscaping with Trees and Plants

According to the Smt. Kishoritai Adhyapak Mahavidyalaya, Kamptee's Clean and Green Policy, the college works to grow several wild plant kinds of trees, including decorative and medicinal varieties. To maintain the gardens and keep the campus litter-free, clean, and green, gardeners and full-time personnel with sufficient assistance have been hired. The college looks after and maintains the College Garden and Vermicomposting Unit.

The college's NSS Units often organize tree-planting campaigns, which typically take place in the month of July each year.

Ban on Single-Use Plastic

Single-use plastics are entirely prohibited on the Smt. Kishoritai Adhyapak Mahavidyalaya campus in Kamptee, which also forbids their usage in the school's labs, canteen, hostel, and other areas. In order to progressively reduce the use of plastics on campus, the college provides environmentally friendly alternatives including stainless steel, washable, and reusable tumblers at all water units and require the canteen to serve exclusively in stainless steel or paper plates, glasses, and cups.

20 KW Solar Plant in the College

Management is proposed to install a 20KW solar energy plant on its main building for the entire campus in session 2023-24. After the commissioning of this solar power plants, the MSEDCL's electricity bills will be significantly decreased. The MSEDCL's power grid is connected to the solar panels' energy production, and the MSEDCL has subsidized the college electricity needs by supplying the system with the power generated by the solar



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panels.

Solar Energy generated from the Plant is used by the dedicated solar panels which are installed on Girls Hostel and Boys Hostel building rooftop and solar energy is used to light up lights on the route from the main gate to the college building.

Use of LED bulbs/ Power-Efficient equipment

More than 90% electric lights and all the computers of the college are LED enabled. The other equipment is also purchased taking into account their power-efficiency.

Solar Water Heater in the Girls' Hostel

Solar Water Heater is installed in the Girls Hostel of the college for fulfilling the requirement of Hot water.

Biogas Plant

Biogas Plant is installed in the hostel of the college where the waste food from college canteen and the hostel kitchen is used as a fuel for biogas.

Observance of Days to Protect and Nurture Environment

The organization of various events like Rallies, Awareness Campaigns, Cleanliness Drives, Seminars, Conferences, Workshops, presentations, Tree Plantation Drives, Nature Photography Competitions, Rangoli Competitions, Essay Competitions, Bird Watching Programs, Excursions, Study Tours, Guest Lectures, Talks, etc. on the occasion of various days like- 'International Day for the Preservation of the Ozone Layer' (16 September), 'World Environment Day' (05 June), 'International Tiger Day' (29 July), 'Wildlife Week' (02 to 08 October), 'World Biodiversity Day' (22 May), 'World Wetland Day' (02 February), 'World Water Day' (22 March), 'World Sparrow Day' (20 March), 'Great Backyard Bird Count (GBBC)' (14 February), Mahatma Gandhi Jayanti (02 October), 'Army Day' (15 January) 'Bird Week' in first week of November, etc. ensures to create awareness among young students and public about various environment related problems and conservation of Nature and natural resources in the surrounding area and educating on how to live a Eco-friendly life.

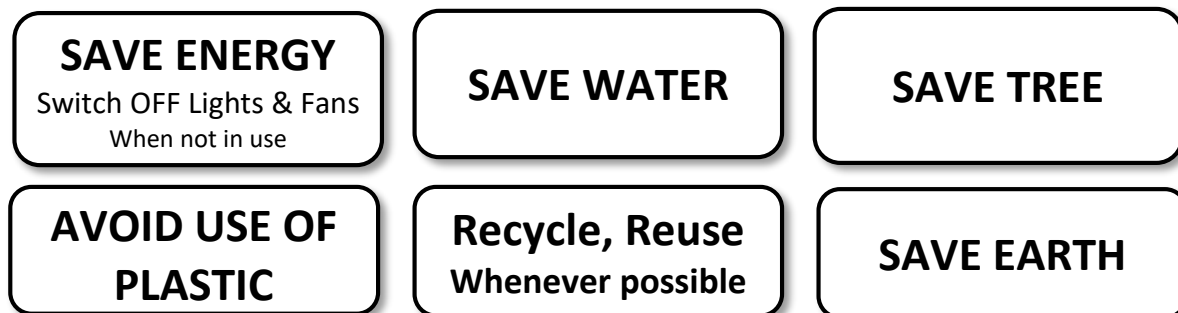


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Display Boards to Promote Environmental Sensibility on College Campus

Various boards including Quotes that promote environmental awareness and ethics including air-pollution control, plastic-free campus, conservation of energy, recycling of resources, tree plantation, Nature conservation, etc. are displayed for all the stakeholders of the college.



Solid waste Management

The Solid waste generated in the campus is segregated as bio degradable and non-degradable and handed over to Kamptee Nagar Parishad as a part of Swachh Bharat Abhiyan and "My City Clean City"

All the Departments, laboratories, and Classrooms are provided with dustbins for dry wastage disposal. Segregation of the waste into dry and wet waste is done through the separately allotted dustbins at strategic locations in the college.

Vermicomposting Unit

Vermicomposting Unit is established in the premises of the college. The students of the college actively involve themselves to run this unit. The organic waste material is collected from the college campus by the students to deposit it in the special vermicomposting tank. Using cow dung, Earthworms the soil mixture is made with appropriate proportions. With the help of students and farmers this mixture is installed in the tank and watered properly for 4-8 weeks. First flush of pure, odourless and granular, soft vermin-compost is obtained. Technical protocol and support is provided to the students and farmers in case of mass production.

Vermi-wash, a liquid can be obtained from the tank by pipe in case of excessive water. This extension activity of the pharmacy college awareness among the students and the farmers



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for eco-friendly organic farming.

Apart from the organic waste in the college campus, the raw material for the tank is provided by the "Ecofriends" of the department who collect the used pooja Material like the garlands, flowers, bouquets, etc. in a 'Nirmalya Kalash' during the festivals like Ganeshotsav and Durgapooja and use it for vermicomposting

E-waste Management

The college has started reusing the electronic components from the discarded instruments, PCs, UPS, etc. such as transformers, transistors, ICs,



Capacitors, Inductors, Resistors, Connectors, Sockets, Switches, Wires, LEDs and other electronic or electrical devices to fabricate the instruments and experimental kits that are used in the Physics Laboratory. Completely scrapped e-waste is handed over to Govt. authorises E-Waste recycler company Suritex Pvt. Ltd. Nagpur.

The students and faculty have also involved in the maintenance and repairs of the instruments and experimental kits, which led to increase their life and the optimum uses. This have not only become a step towards the E-waste management but also cultivated innovative ideas among the students and the faculty. The students have also gained many skills through these activities.

The college works towards creating a green, pollution-free and healthy environment with a missionary zeal and dedication. The students are given strict instructions to maintain the campus clean and green and it is reflected in the college Prospectus.

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S. J. G. Patil
Principal
Smt. Kishoritai Bhojar
Adhyapak Mahavidyalaya
Kamptee.