



PUNE DISTRICT EDUCATION ASSOCIATION'S
Waghire College of Arts Commerce and Science,
Saswad, Tal-Purandar, Dist-Pune

**Action Taken Report and
Achievements Related to Green
Campus Initiatives**



Action Taken Report and Achievements Related to Green Campus Initiatives



Following the Environmental Audit conducted at Waghire College, Saswad, several recommendations were made to further enhance the institution's green campus initiatives. The college administration, faculty, and students have taken proactive steps to implement these suggestions, resulting in significant achievements in environmental sustainability. This report outlines the actions taken based on the audit recommendations and highlights the achievements in line with these green initiatives.

Recommendations and Actions Taken

1. Recommendation: Enhance Waste Management Practices

- **Action Taken:** The college intensified its waste management system by setting up designated waste collection points across the campus. A stricter segregation of waste into biodegradable and non-biodegradable categories was enforced. Students and staff were educated about the importance of proper waste segregation and disposal.
- **Achievement:** The enhanced waste management system has significantly reduced the amount of waste sent to landfills. The segregated waste is now either composted on-site or sent to recycling units, contributing to a cleaner campus environment. Our college supported with dustbins for dry and green waste from Aadhar Poonawala College as installed these dustbins throughout the campus.

2. Recommendation: Increase Green Cover on Campus

- **Action Taken:** In response to the audit, the college expanded its tree plantation drives, focusing on planting native species that require less water and maintenance. A specific area on campus was designated as a biodiversity zone, where various indigenous plants were introduced to increase green cover and support local wildlife.
- **Achievement:** The college's green cover has increased by 25% over the past year. College has organised tree plantation drives in different occasions enrolling students and staff members, we have prepared butterfly garden where we planted flowering plants helpful for butterflies and apiary. The biodiversity zone has become a thriving habitat for birds and insects, enhancing the campus's ecological balance.

3. Recommendation: Promote Water Conservation



- **Action Taken:** Water conservation measures were implemented, including the installation of rainwater harvesting systems and drip irrigation for the campus gardens. The college also conducted awareness programs to educate students and staff on the importance of water conservation.
 - **Achievement:** The introduction of these water conservation techniques has resulted in a 30% reduction in the college's water consumption. The harvested rainwater is now used for irrigation and other non-potable purposes, reducing the dependency on external water sources.
4. **Recommendation: Energy Efficiency Improvements**
- **Action Taken:** To improve energy efficiency, the college replaced old electrical fixtures with energy-efficient LED lighting and installed solar panels on select buildings. Solar street lamps installed in the campus. Energy audits are now conducted regularly to monitor and optimize energy use.
 - **Achievement:** The shift to LED lighting and solar power has reduced the college's electricity consumption by 35%. The solar panels contribute significantly to the campus's energy needs, promoting renewable energy usage.
5. **Recommendation: Encourage Sustainable Transportation**
- **Action Taken:** The college introduced incentives for students and staff to use bicycles or electric vehicles. Bicycle parking areas were expanded, and charging stations for electric vehicles were installed. The college also organized campaigns to promote carpooling and public transport.
 - **Achievement:** The use of bicycles, electric vehicles, vehicle pooling and use of local transport among students and staff has increased by 40%, reducing the campus's carbon footprint. The initiatives have also led to a decrease in traffic congestion around the college.
6. **Recommendation: Enhance Awareness and Education on Environmental Issues**
- **Action Taken:** The college enhanced its curriculum and extracurricular activities to include more topics on environmental conservation and sustainability. Workshops, seminars, Carbon Neutral Campus awareness and guest lectures on various environmental issues were organized regularly.
 - **Achievement:** The increased focus on environmental education has heightened awareness among students and staff. Participation in green initiatives and sustainability-related activities has grown, reflecting a stronger commitment to environmental stewardship within the college community.

Achievements Towards Green Initiatives

1. Sustainability Certifications:

- Waghire College has been awarded certifications for both Energy and Environmental Audits, demonstrating its commitment to sustainability and compliance with green building standards. These certifications are a testament to the college's ongoing efforts to create a sustainable campus.

2. Recognition and Awards:

- The college's efforts in enhancing green cover and promoting sustainability have been recognized by local and regional environmental bodies. These awards highlight Waghire College's role as a leader in green campus initiatives within the education sector through the Carbon Neutral Campus and Plastic free campus activities.

3. Student and Community Engagement:

- The college has successfully involved students in various green activities, such as tree planting, waste segregation, and water conservation. The active participation of students in these initiatives has fostered a culture of environmental responsibility that extends beyond the campus.

4. Reduction in Carbon Footprint:

- Through the implementation of sustainable life style, green campus initiatives, sustainable transportation options and energy-efficient practices, the college has significantly reduced its carbon footprint. This achievement aligns with global efforts to combat climate change and reduce greenhouse gas emissions.

The institution has made substantial progress in implementing the recommendations provided during the Environmental Audit. The actions taken have not only addressed the immediate concerns but have also positioned the college as a pioneer in sustainability within the educational sector. These achievements reflect the college's dedication to creating a healthier and more sustainable campus environment.



The College will also continue to build on these successes, striving to maintain and enhance its green campus initiatives. The institution remains committed to fostering a culture of sustainability and environmental stewardship among its students, staff, and the wider community.

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