

Action Taken Report

Green Campus Initiatives

This report highlights the progress and impact of Green Audit and Carbon Audit initiatives undertaken by the institution. These initiatives aim to reduce carbon emissions, improve energy efficiency, and enhance eco-conscious practices within the campus. Green Audit and Carbon Audit are essential tools for evaluating and improving environmental sustainability practices. This report focuses on key actions taken and their impact on reducing the institution's carbon footprint.

Key Audit Findings

Based on the audits, the following key findings were identified:

- **Electricity Use Reduction:** Decreasing electricity consumption is crucial for carbon reduction. Recommendations included installing LED lights and using energy-efficient equipment with high star ratings.
- **Promotion of "NO Vehicle Day":** Encouraging the observance of "NO Vehicle Day" on the second Saturday of each month to reduce vehicle emissions.
- **Tree Planting:** Increasing greenery through tree planting initiatives was suggested to offset carbon emissions.

Actions Taken

The institution has taken significant steps to address the audit findings:

- **Ban on Single-use Plastics:** Implemented a ban on single-use plastics to reduce waste and environmental impact.
- **Charging Points for Electric Vehicles:** Installed charging points to promote the use of electric vehicles.
- **Use of Bicycles/Battery-powered Vehicles:** Encouraged the use of bicycles and battery-powered vehicles for commuting within the campus.
- **Observance of "No Vehicle Day":** Promoted "NO Vehicle Day" on the second Saturday of each month to reduce carbon emissions.



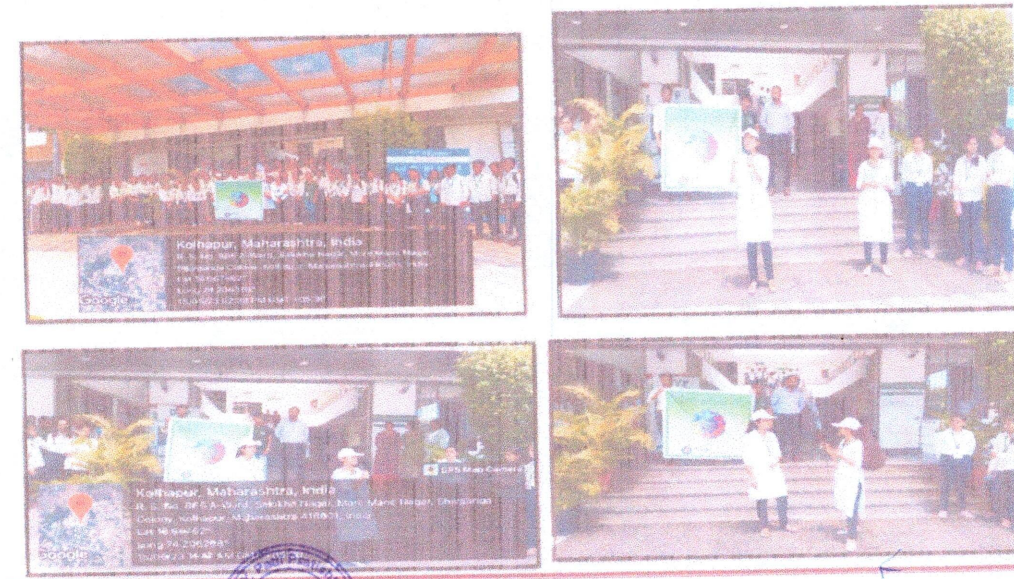
- **College Bus Usage for Transportation:** Encouraged staff and students to utilize college buses for transportation.
- **Eco-Conscious Campus Additions:** Introduced wooden display boards, bamboo trash bins, and copper water bottles to promote sustainability.
- **Landscaping with Trees and Plants:** Enhanced campus greenery through landscaping efforts.

Impact of Initiatives

The actions taken have resulted in several positive outcomes:

- **Carbon Footprint Reduction:** The institution has reduced its carbon footprint by implementing energy-efficient measures, promoting electric vehicle usage, and observing "No Vehicle Day."
- **Electric Vehicle Adoption:** Staff members have been motivated to use electric vehicles, with the number of users increasing from 1 to 4, contributing to reduced emissions.
- **Awareness Programs:** Students have become more conscious of the harmful effects of plastic pollution on the environment, hence are conducted and participated in awareness programs like- Street play on "Plastic Free awareness Program and Breathing Earth. The engagement of students in these programs, has yielded significant positive outcomes. These initiatives have led to increased awareness of the harmful effects of plastic pollution among students, resulting in tangible changes in behavior, advocacy for sustainability, and a campus-wide impact.

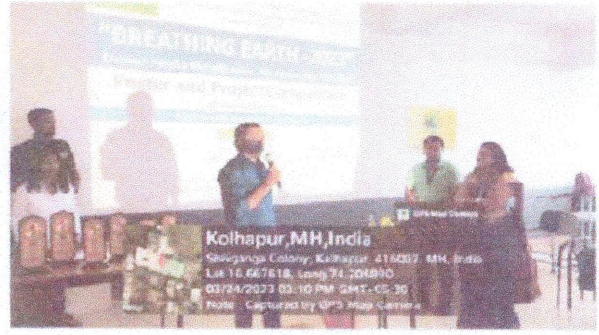
Photo Gallery Street play about the plastic free campus awareness



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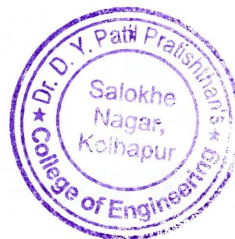


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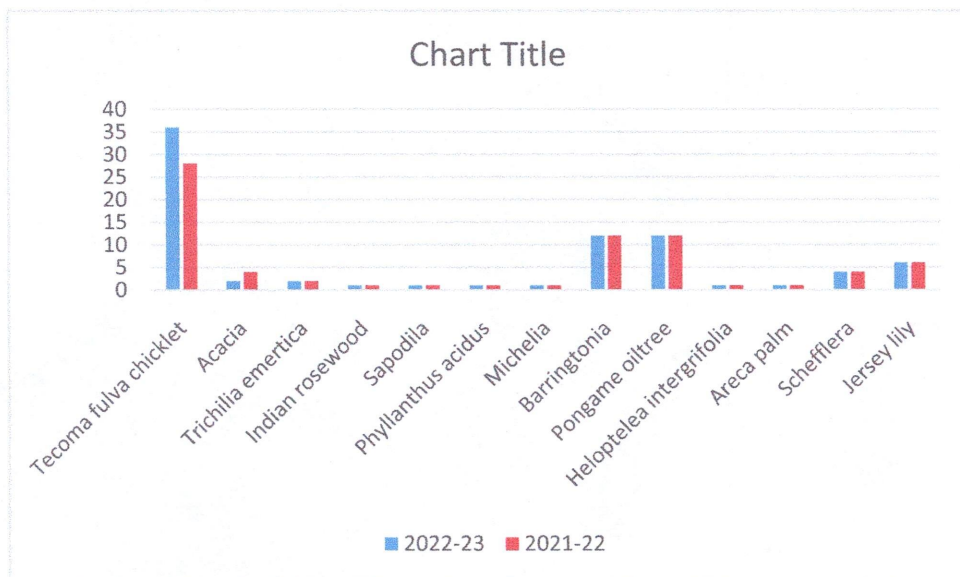


"Breathing Earth"-2023

- The positive impact of the ban on single-use plastics is evident, as the composition of plastic waste found in dust bins for the year 2022-23 has significantly decreased to 21% (Environment Audit Report 2022-23), compared to the previous year 2021-22, where it stood at 41% (Environment Audit Report 2021-22). This substantial reduction underscores the success of our sustainability efforts in minimizing the presence of single-use plastics within our campus, promoting a cleaner and more eco-conscious environment.



- Tree Planting-** A notable positive impact of our sustainability initiatives is the increase in tree planting from 2021-22 to 2022-23. For instance, in the case of Tecoma fulva chicklet plants, the count has risen from 28 to 30. This growth exemplifies our commitment to enhancing greenery within the campus and fostering a more environmentally friendly and sustainable environment for all. So, in the fiscal year 2022-23, our carbon sequestration efforts successfully captured 24,789 kg of CO₂, demonstrating our dedication to reducing carbon emissions. Moreover, in the subsequent year, 2023-24, our impact has further improved, with a total of 26,140 kg of CO₂ sequestered. These achievements showcase our continuous commitment to enhancing environmental sustainability and our positive contribution to mitigating climate change through increased carbon sequestration efforts.




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