

# Action taken report on Environment and Energy Usage

## 1. Commitment to Energy Conservation:

- Adoption of Alternate Energy Sources: We have invested in renewable energy sources such as solar panels to supplement our energy requirements and reduce dependence on non-renewable resources.
- LED Lighting and Motion Sensors: Our campus is equipped with energy-efficient LED lighting and motion sensors to minimize electricity consumption and curb wastage.
- Treatment of Liquid Waste: Liquid waste generated on campus undergoes meticulous treatment at a centralized Sewage Treatment Plant, ensuring compliance with stringent state reuse standards and minimizing environmental impact.
- Organic Waste Management: Organic waste from the canteen is transformed into compost through a systematic composting process, contributing to environmental health and sustainability.
- Responsible Electronic Waste Disposal: We ensure the responsible disposal of electronic waste, adhering to regulatory guidelines and preventing environmental contamination.
- Staff members following responsibly the instruction about keeping their monitor screen off for smaller duration and shut down their PCs when not in use for longer duration.
- Staff members and students following responsibly instructions for switching of electrical equipments when not in use.

## 2. Green Campus Initiatives:

- Pedestrian-Friendly Pathways: Our campus features pedestrian-friendly pathways, reducing reliance on motorized transportation and promoting a sustainable mode of commuting.
- Ban on Plastic Use: We have implemented a ban on plastic use within the campus premises, encouraging the use of eco-friendly alternatives and minimizing plastic pollution.
- Landscaping for Biodiversity: Our campus landscapes are designed to support biodiversity and ecological balance, creating a vibrant and environmentally rich environment.
- Staff members and students use bicycles, electric vehicles and public transport mostly.

## 4. Comprehensive Assessments and Audits:

- Green Audit: We conduct comprehensive assessments under the Green Audit framework to evaluate our environmental performance and identify areas for the improvement. This includes assessing waste management practices, energy consumption patterns, and overall ecological footprint.

- Energy Audits: Detailed examinations via Energy Audits are carried out regularly to ensure efficient resource management and identify opportunities for energy conservation and optimization.

### 5. Community Engagement:

Beyond the campus boundaries, Bharati Vidyapeeth's College of Engineering for Women actively engages in community-wide environmental initiatives, promoting awareness and sustainability through residential NSS camps, tree plantation drives and swachata drives by NSS and Student development activities. Also with outreach programs, workshops, and collaborative projects, we strive to extend our commitment to environmental stewardship to the broader community.



IQAC Coordinator

Prof. Dr. S.S. Chorage

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## Achievement

- Environment and Green Audit certification received by “Prathmesh Energy Solution” Pune for 2021-22.
- Environment and Green Audit certification received by “Prathmesh Energy Solution” Pune for 2022-23.
- Energy Audit certification received by “Prathmesh Energy Solution” Pune for 2021-22.
- Energy Audit certification received by “Prathmesh Energy Solution” Pune for 2022-23.
- Reduction in energy bill.
- Reduced use of Plastic.

  
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